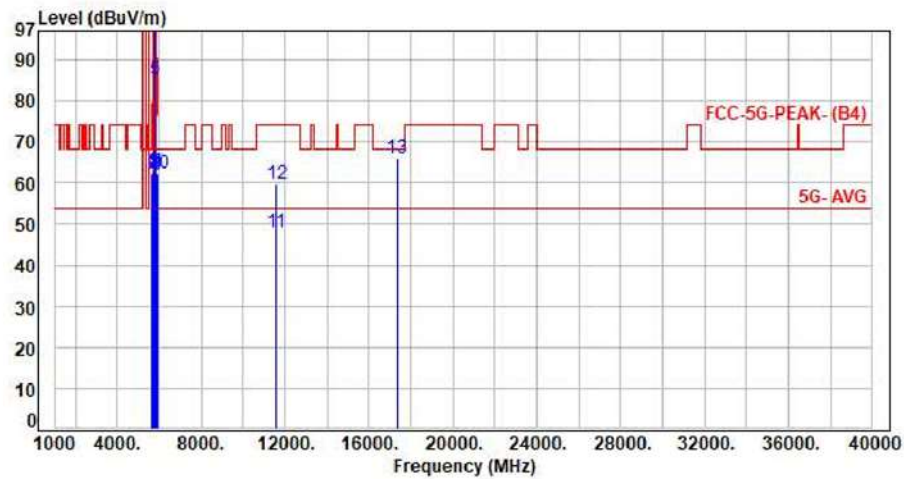




MIMO

Test Mode : 2TX 11ax80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



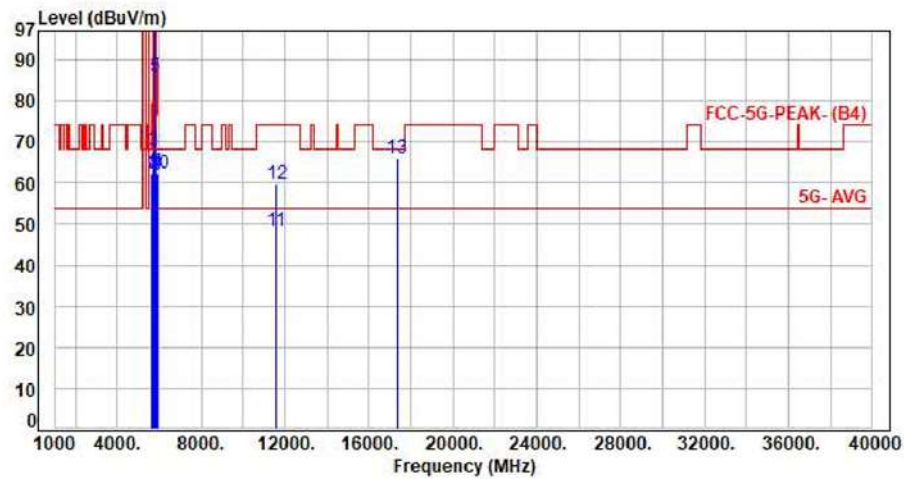
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	54.92	62.43	68.20	-5.77	Peak	100	185	P
2	5700.00	7.43	54.74	62.17	105.20	-43.03	Peak	100	185	P
3	5720.00	7.43	55.26	62.69	110.80	-48.11	Peak	100	185	P
4	5725.00	7.43	55.29	62.72	122.20	-59.48	Peak	100	185	P
5	5775.00	7.45	77.70	85.15	200.00	-114.85	Average	100	185	P
6	5775.00	7.45	90.17	97.62	200.00	-102.38	Peak	100	185	P
7	5850.00	7.47	55.36	62.83	122.20	-59.37	Peak	100	185	P
8	5855.00	7.49	54.35	61.84	110.80	-48.96	Peak	100	185	P
9	5875.00	7.57	55.02	62.59	105.20	-42.61	Peak	100	185	P
10	5925.00	7.73	54.69	62.42	68.20	-5.78	Peak	100	185	P
11	11550.00	18.54	29.48	48.02	54.00	-5.98	Average	100	195	P
12	11550.00	18.54	41.05	59.59	74.00	-14.41	Peak	100	195	P
13	17325.00	25.10	40.81	65.91	68.20	-2.29	Peak	100	204	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



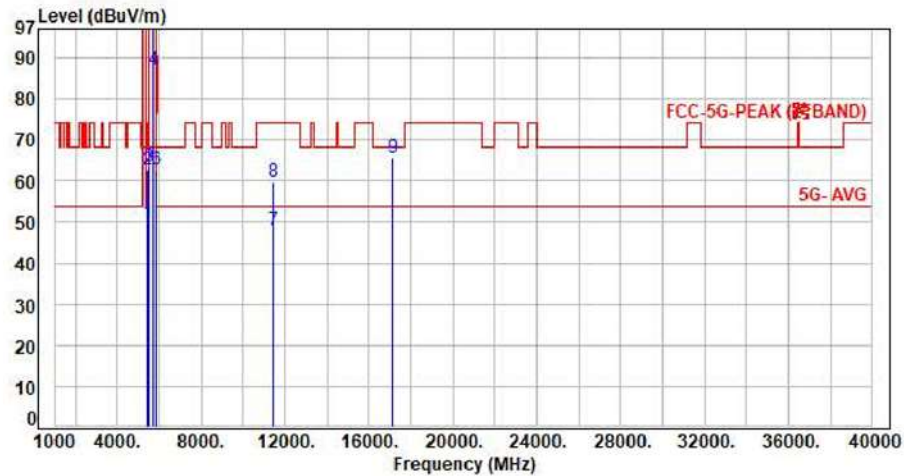
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.51	54.69	62.20	68.20	-6.00	Peak	100	300	P
2	5700.00	7.43	54.98	62.41	105.20	-42.79	Peak	100	300	P
3	5720.00	7.43	60.33	67.76	110.80	-43.04	Peak	100	300	P
4	5725.00	7.43	54.99	62.42	122.20	-59.78	Peak	100	300	P
5	5775.00	7.45	78.62	86.07	200.00	-113.93	Average	100	300	P
6	5775.00	7.45	90.38	97.83	200.00	-102.17	Peak	100	300	P
7	5850.00	7.47	55.32	62.79	122.20	-59.41	Peak	100	300	P
8	5855.00	7.49	54.52	62.01	110.80	-48.79	Peak	100	300	P
9	5875.00	7.57	55.23	62.80	105.20	-42.40	Peak	100	300	P
10	5925.00	7.73	54.56	62.29	68.20	-5.91	Peak	100	300	P
11	11550.00	18.54	29.75	48.29	54.00	-5.71	Average	100	213	P
12	11550.00	18.54	41.10	59.64	74.00	-14.36	Peak	100	213	P
13	17325.00	25.10	40.85	65.95	68.20	-2.25	Peak	100	196	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH144 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



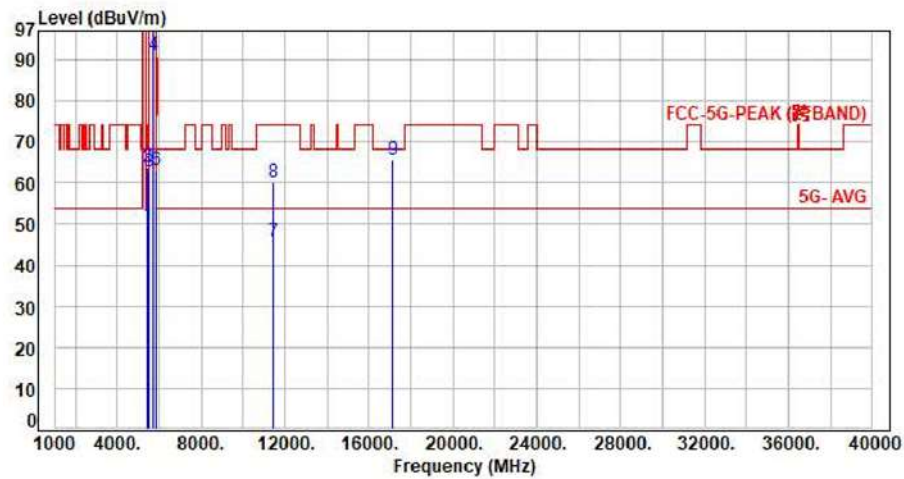
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.08	49.63	54.00	-4.37	Average	100	345	P
2	5460.00	7.55	55.16	62.71	74.00	-11.29	Peak	100	345	P
3	5470.00	7.58	55.99	63.57	68.20	-4.63	Peak	100	345	P
4	5720.00	7.43	79.56	86.99	200.00	-113.01	Average	100	345	P
5	5720.00	7.43	92.86	100.29	200.00	-99.71	Peak	100	345	P
6	5850.00	7.47	55.12	62.59	68.20	-5.61	Peak	100	345	P
7	11440.00	18.20	29.70	47.90	54.00	-6.10	Average	100	352	P
8	11440.00	18.20	41.51	59.71	74.00	-14.29	Peak	100	352	P
9	17160.00	24.13	41.67	65.80	68.20	-2.40	Peak	100	110	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH144 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



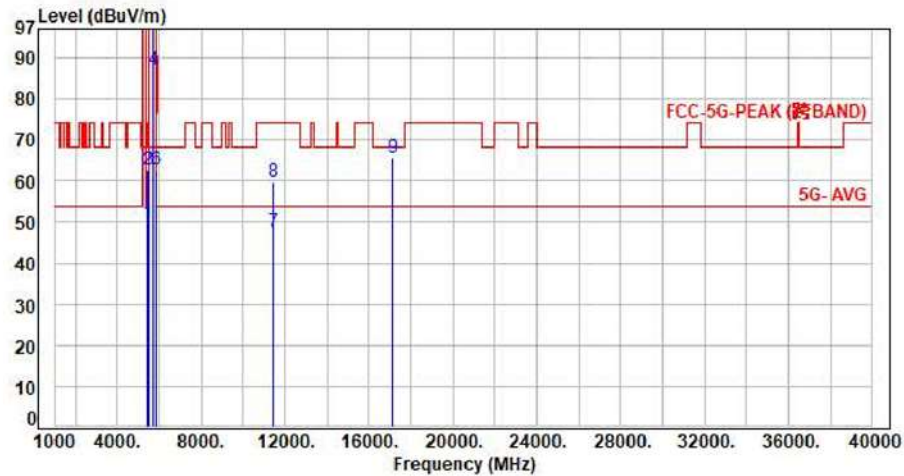
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.25	49.80	54.00	-4.20	Average	100	43	P
2	5460.00	7.55	56.16	63.71	74.00	-10.29	Peak	100	43	P
3	5470.00	7.58	55.19	62.77	68.20	-5.43	Peak	100	43	P
4	5720.00	7.43	83.83	91.26	200.00	-108.74	Average	100	43	P
5	5720.00	7.43	95.94	103.37	200.00	-96.63	Peak	100	43	P
6	5850.00	7.47	55.54	63.01	68.20	-5.19	Peak	100	43	P
7	11440.00	18.20	27.63	45.83	54.00	-8.17	Average	100	287	P
8	11440.00	18.20	41.81	60.01	74.00	-13.99	Peak	100	287	P
9	17160.00	24.13	41.40	65.53	68.20	-2.67	Peak	100	352	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH142 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



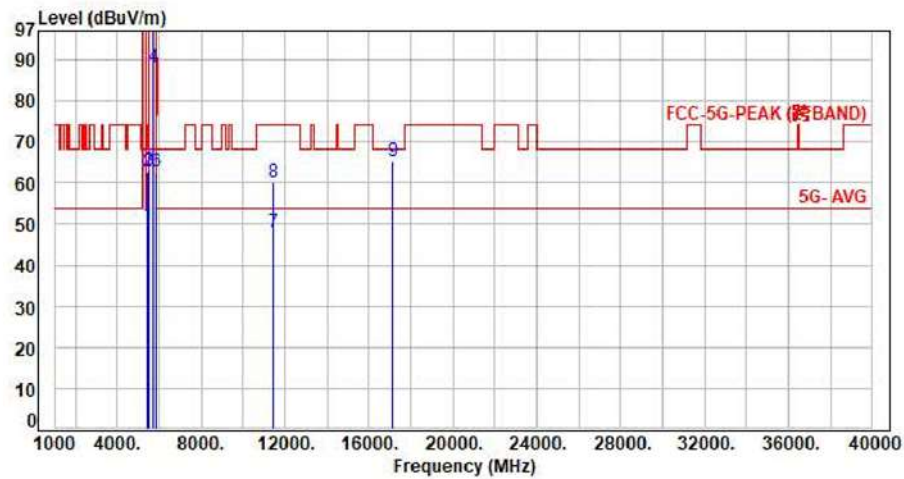
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.17	49.72	54.00	-4.28	Average	100	3	P
2	5460.00	7.55	55.25	62.80	74.00	-11.20	Peak	100	3	P
3	5470.00	7.58	55.02	62.60	68.20	-5.60	Peak	100	3	P
4	5710.00	7.43	79.48	86.91	200.00	-113.09	Average	100	3	P
5	5710.00	7.43	91.27	98.70	200.00	-101.30	Peak	100	3	P
6	5850.00	7.47	55.23	62.70	68.20	-5.50	Peak	100	3	P
7	11420.00	18.14	29.47	47.61	54.00	-6.39	Average	100	173	P
8	11420.00	18.14	41.73	59.87	74.00	-14.13	Peak	100	173	P
9	17130.00	24.09	41.38	65.47	68.20	-2.73	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax40 CH142 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



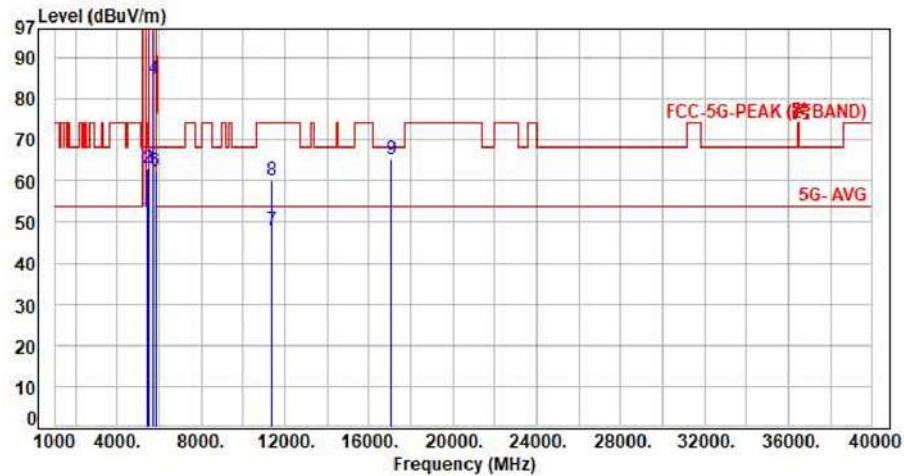
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.13	49.68	54.00	-4.32	Average	100	306	P
2	5460.00	7.55	55.30	62.85	74.00	-11.15	Peak	100	306	P
3	5470.00	7.58	55.43	63.01	68.20	-5.19	Peak	100	306	P
4	5710.00	7.43	80.55	87.98	200.00	-112.02	Average	100	306	P
5	5710.00	7.43	91.84	99.27	200.00	-100.73	Peak	100	306	P
6	5850.00	7.47	55.40	62.87	68.20	-5.33	Peak	100	306	P
7	11420.00	18.14	29.76	47.90	54.00	-6.10	Average	100	185	P
8	11420.00	18.14	41.83	59.97	74.00	-14.03	Peak	100	185	P
9	17130.00	24.09	41.37	65.46	68.20	-2.74	Peak	100	229	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax80 CH138 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



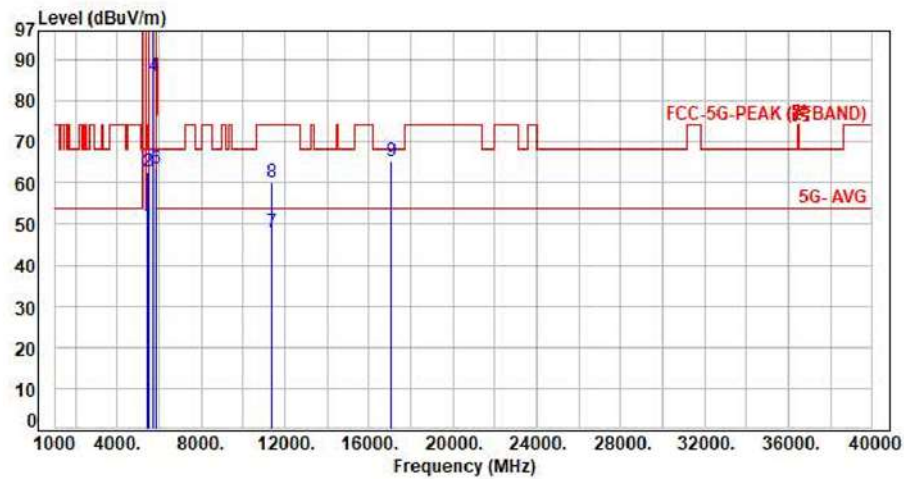
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	43.34	50.89	54.00	-3.11	Average	100	185	P
2	5460.00	7.55	55.38	62.93	74.00	-11.07	Peak	100	185	P
3	5470.00	7.58	55.64	63.22	68.20	-4.98	Peak	100	185	P
4	5690.00	7.44	77.53	84.97	200.00	-115.03	Average	100	185	P
5	5690.00	7.44	89.06	96.50	200.00	-103.50	Peak	100	185	P
6	5825.00	7.46	54.95	62.41	68.20	-5.79	Peak	100	185	P
7	11380.00	18.06	29.72	47.78	54.00	-6.22	Average	100	294	P
8	11380.00	18.06	41.95	60.01	74.00	-13.99	Peak	100	294	P
9	17070.00	23.85	41.33	65.18	68.20	-3.02	Peak	100	347	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax80 CH138 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.23	49.78	54.00	-4.22	Average	100	41	P
2	5460.00	7.55	55.19	62.74	74.00	-11.26	Peak	100	41	P
3	5470.00	7.58	55.27	62.85	68.20	-5.35	Peak	100	41	P
4	5690.00	7.44	78.57	86.01	200.00	-113.99	Average	100	41	P
5	5690.00	7.44	90.28	97.72	200.00	-102.28	Peak	100	41	P
6	5850.00	7.47	55.93	63.40	68.20	-4.80	Peak	100	41	P
7	11380.00	18.06	29.73	47.79	54.00	-6.21	Average	100	123	P
8	11380.00	18.06	41.95	60.01	74.00	-13.99	Peak	100	123	P
9	17070.00	23.85	41.33	65.18	68.20	-3.02	Peak	100	225	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



6.7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. On Time, Duty Cycle and Measurement methods

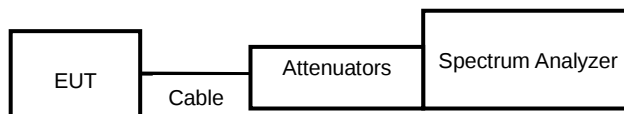
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout





7.4. Test Result and Data

SISO

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	2.10	2.11	99.22%

MIMO

Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11ax HE20	5.36	5.38	99.67%
802.11ax HE40	4.82	4.84	99.64%
802.11ax HE80	2.56	2.57	99.40%
802.11ax HE160	2.21	2.23	99.31%

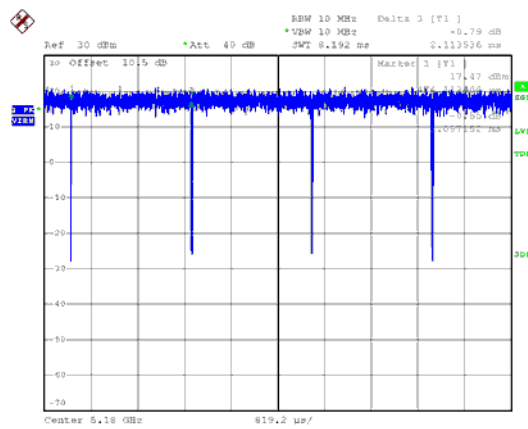
7.5. Measurement Methods

26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v02r01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v02r01, Sections G and H



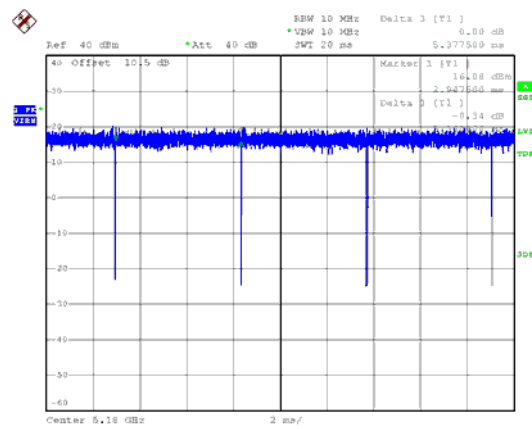
SISO

Modulation Type: 802.11a

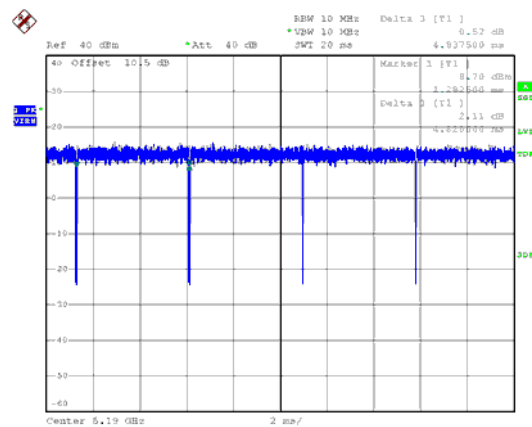


MIMO

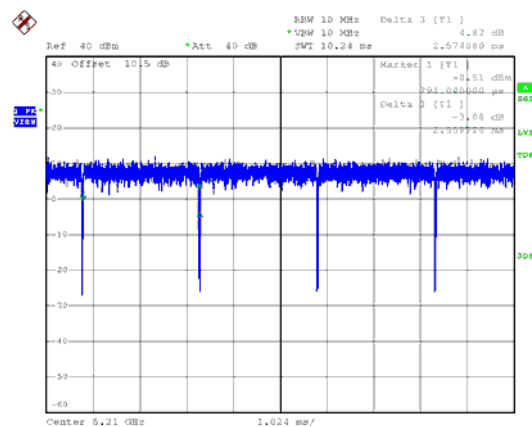
Modulation Type: 802.11ax20



Modulation Type: 802.11ax40



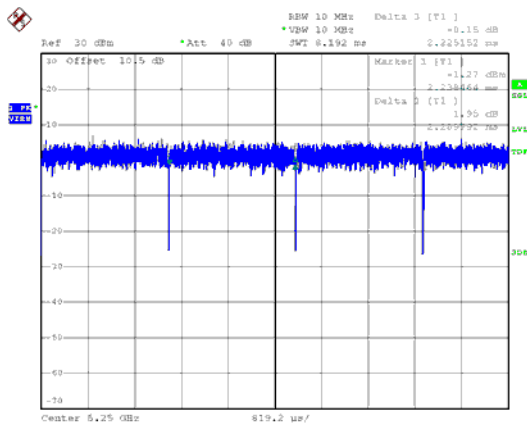
Modulation Type: 802.11ax80





MIMO

Modulation Type: 802.11ax160





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

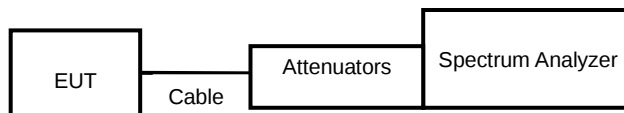
FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100KHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout





8.4. Test Result and Data

SISO ANT A

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
			ANT A	
11a	149	5745	15.12	0.50
11a	157	5785	15.09	0.50
11a	165	5825	15.12	0.50

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)
			ANT A
11a	149	5745	16.47
11a	157	5785	16.41
11a	165	5825	16.47

UNII Emission Bandwidth Result (Extends across 5725MHz band)

Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
			ANT A	ANT A
11a	6 Mbps	5720	3.13	3.75



MIMO

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)
			ANT A	ANT B	
11ax HE20	149	5745	17.04	17.01	0.50
11ax HE20	157	5785	15.69	18.30	0.50
11ax HE20	165	5825	17.37	17.52	0.50
11ax HE40	151	5755	35.28	35.52	0.50
11ax HE40	159	5795	36.00	35.16	0.50
11ax HE80	155	5775	71.40	71.28	0.50

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
11ax HE20	149	5745	18.93	18.93
11ax HE20	157	5785	18.93	18.93
11ax HE20	165	5825	18.96	18.93
11ax HE40	151	5755	37.86	37.86
11ax HE40	159	5795	37.86	37.80
11ax HE80	155	5775	76.92	76.80

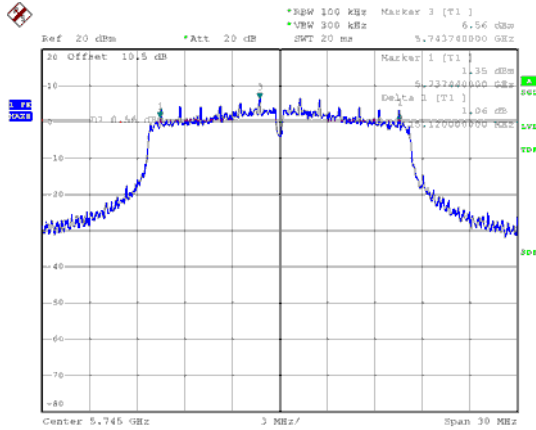
UNII Emission Bandwidth Result (Extends across 5725MHz band)

Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			ANT A	ANT B	ANT A	ANT B
11ax HE20	NSS1-MCS0	5720	4.38	4.38	4.75	4.75
11ax HE40	NSS1-MCS0	5710	4.00	4.13	4.88	4.75
11ax HE80	NSS1-MCS0	5690	4.13	4.00	5.38	5.50

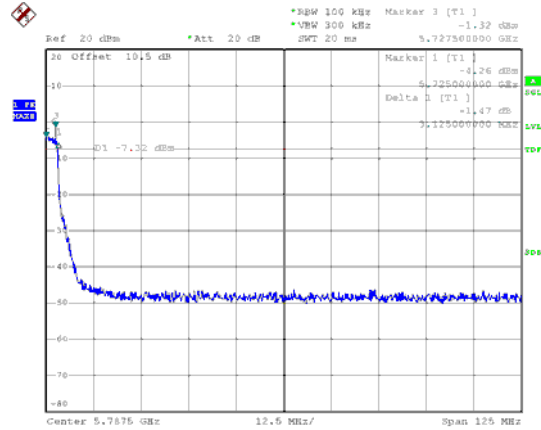


6dB Bandwidth
SISO ANT A
Modulation Type: 802.11a

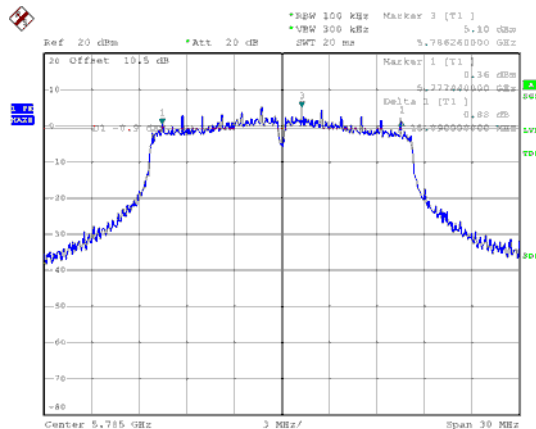
CH149



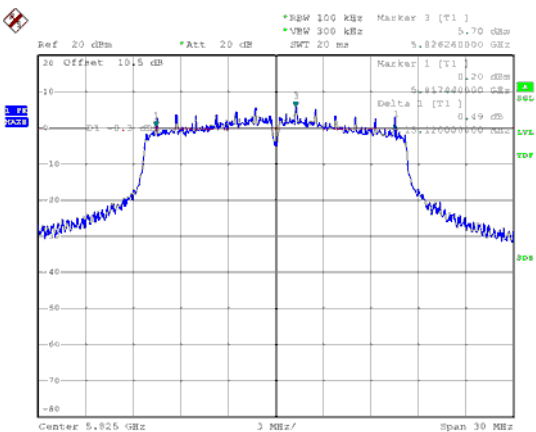
SISO ANT A
Modulation Type: 802.11a
Extends across 5725MHz band
CH144



CH157



CH165





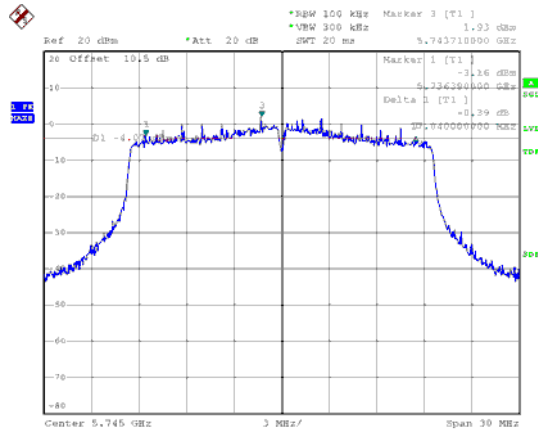
6dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

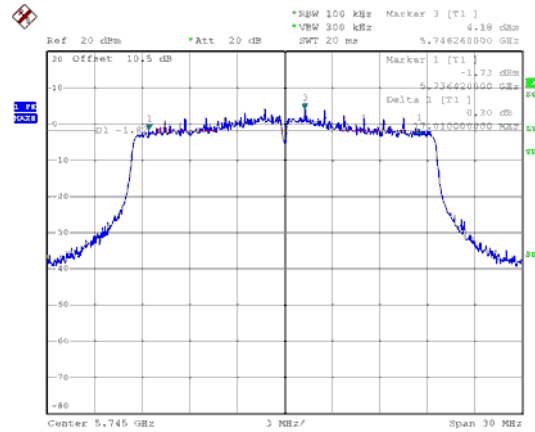
CH149



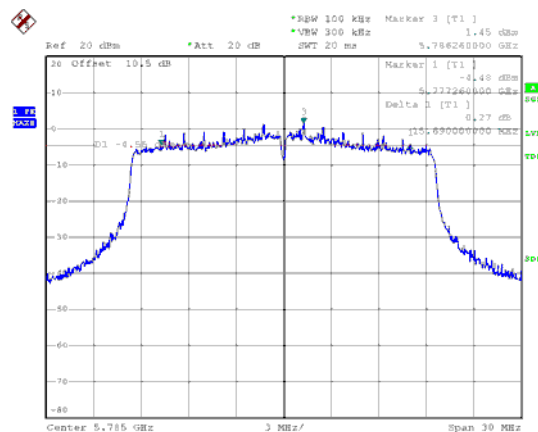
ANT B

Modulation Type: 802.11ax20

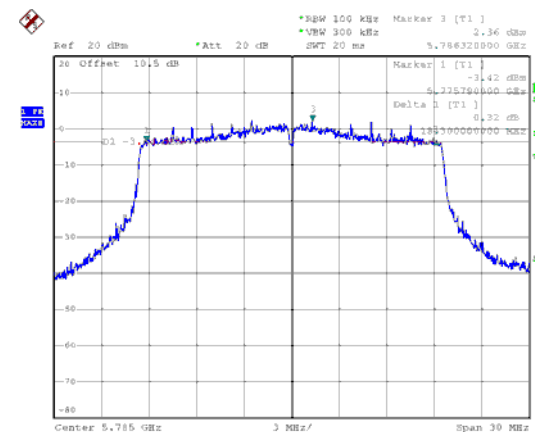
CH149



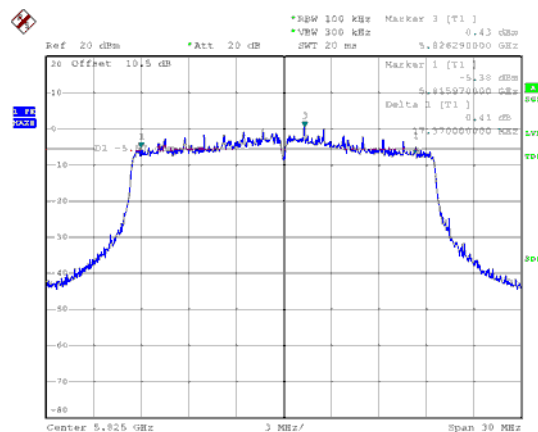
CH157



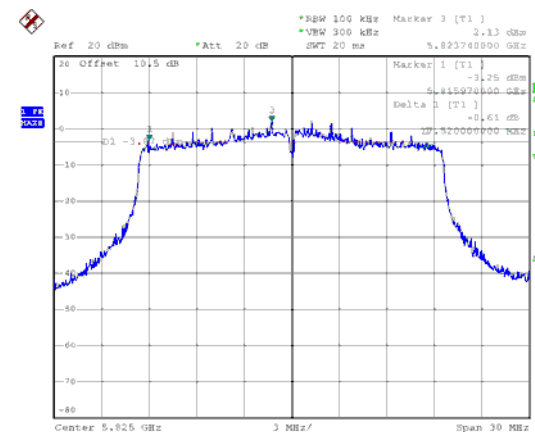
CH157



CH165



CH165





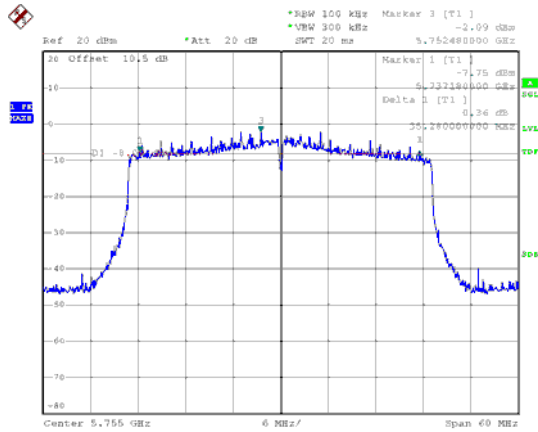
6dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

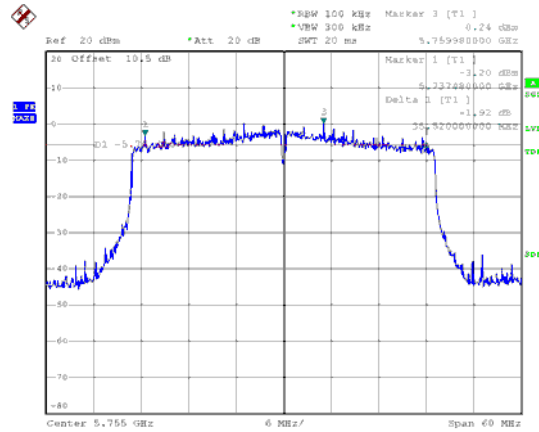
CH151



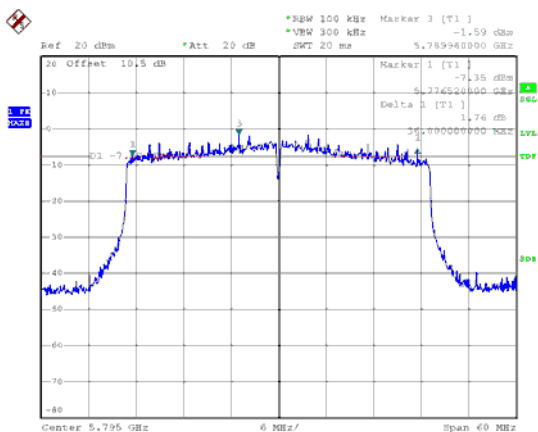
ANT B

Modulation Type: 802.11ax40

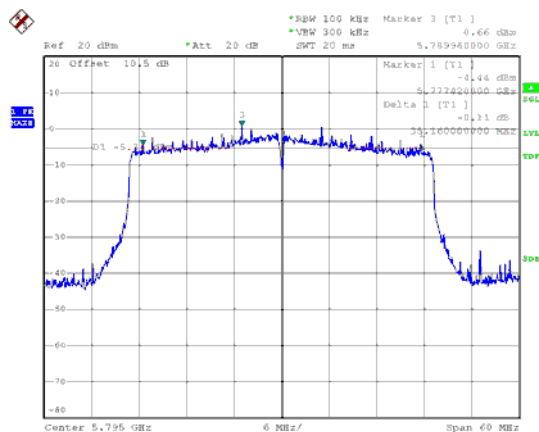
CH151



CH159



CH159





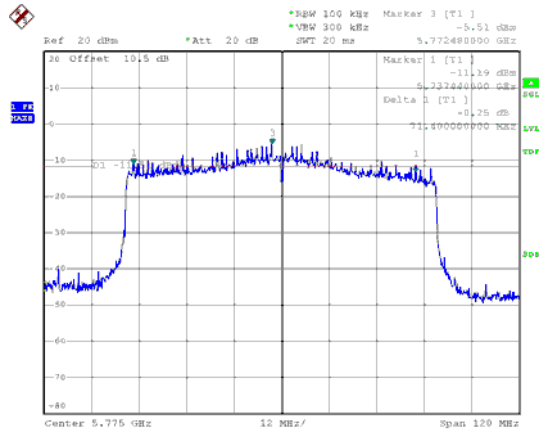
6dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

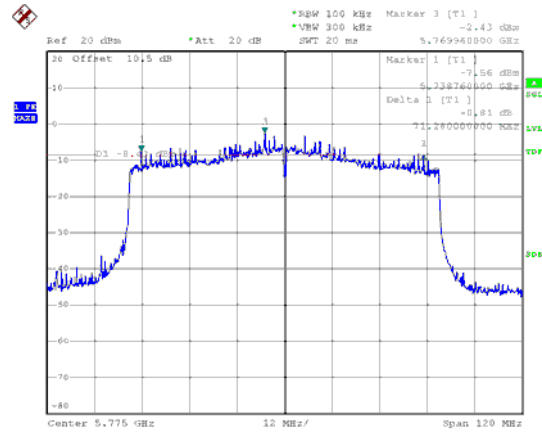
CH155



ANT B

Modulation Type: 802.11ax80

CH155





6dB Bandwidth MIMO
Extends across 5725MHz band
Modulation Type:802.11ax20
ANT A
CH144



Ref 20 dBm *Att 20 dB SWT 20 ms Marker 1 [T1] 0.69 dBm
 Delta 5 [T1] -1.75 dB
 3.77500000 MHz

Center 5.7875 GHz Span 125 MHz

Ref 20 dBm *Att 20 dB BW 20 MHz Sweep 20 MHz

Marker 1 [F1] +7.43 dBm
5.787500000 GHz

Marker 2 [F2] -0.84 dBm
5.787500000 GHz
Delta 2 [F3] -8.30 dB
0.000000000 MHz

01 -13.43 dBm

Centre 5.7875 GHz 12.5 MHz Span 125 MHz

Ref 20 dBm *Att 20 dB BW 100 kHz Span 12.5 MHz Center 5.7875 GHz

Marker 1 [71] -45.03 dBm

Offset 10.5 dB

Delta 5 [73] -3.58 dBm

4120000000 MHz

5.7875 GHz

12.5 MHz

Span 12.5 MHz

Center 5.7875 GHz

Noise

Spectrum Analyzer

*P3M 100 kHz Marker 1 [7] }
 *VPM 300 kHz -11.40 dBm
 SFT 20 ms 5.725250000 GHz

20 Offset 10.5 dB
 Att 20 dB

Marker 1 [7] }
 -11.40 dBm
 5.725250000 GHz
 Delta [T1] }
 -9.20 dB
 5.125907000 MHz

01 -17.4 dBm

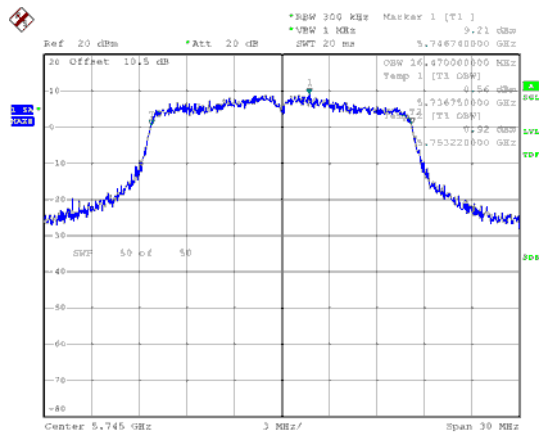
Center 5.7075 GHz 12.5 MHz/ Span 125 MHz

The screenshot displays a VNA measurement interface with the following details:

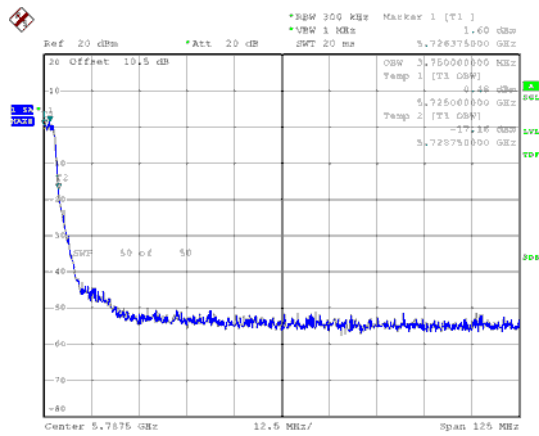
- Top Status Bar:**
 - Left: A red square icon with a white 'X' and a blue square icon with a white 'X'.
 - Center: "Ref Z0 dBm" and "Att Z0 dB".
 - Right: "SWT Z0 ms" and "Marker 3 [71]".
- Measurement Parameters:**
 - Frequency: "FREQ 100 kHz" and "7.05 dBm".
 - Power: "PMW 300 kHz".
 - Marker Value: "5.726250000 GHz".
- Plot Area:**
 - Y-axis: Labeled "dB" on the left, ranging from -80 to 0.
 - X-axis: Labeled "GHz" at the bottom, ranging from 5.7575 to 5.7600.
 - Plot Data: A blue line showing a sharp drop from -10 dB to -45 dB at approximately 5.7575 GHz, then a noisy plateau.
 - Annotations: "Offset 10.5 dB", "D1 -13.15 dBm", and "Marker 1 [71] -1.11 dBm".
- Right Margin:**
 - Green text: "ENV", "LVL", "TDR", "SPL".
 - Blue text: "LVL", "TDR", "SPL".
- Bottom Status Bar:**
 - Left: "Output: 5.7575 GHz".
 - Center: "5.5 MHz".
 - Right: "Span: 3.75 MHz".



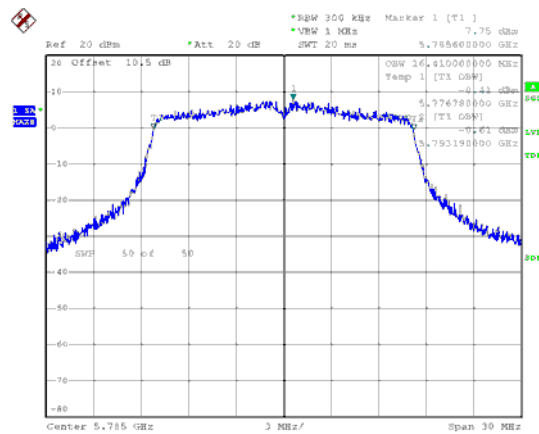
99% Occupied Bandwidth
SISO ANT A
Modulation Type: 802.11a
CH149



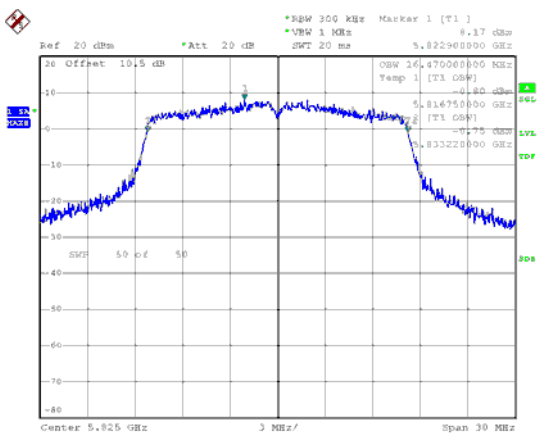
Extends across 5725MHz band
Modulation Type: 802.11a
CH144



CH157



CH165





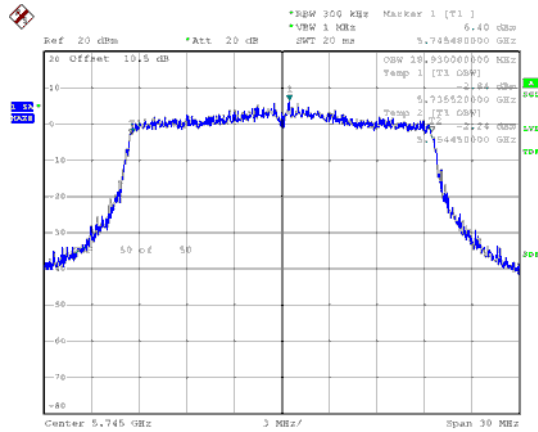
99% Occupied Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

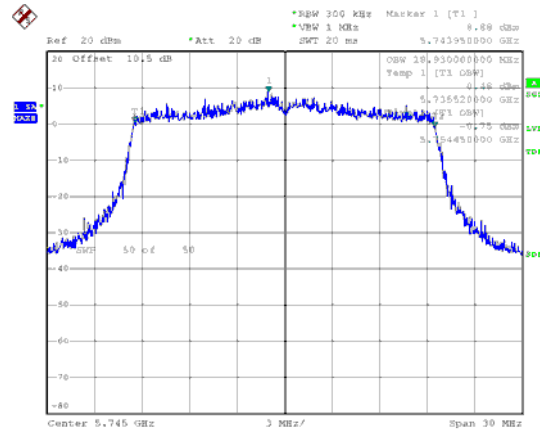
CH149



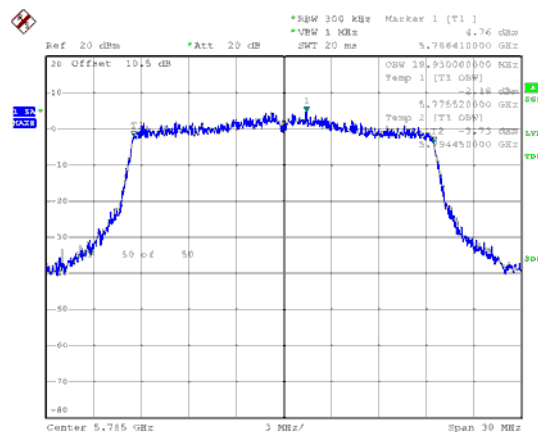
ANT B

Modulation Type: 802.11ax20

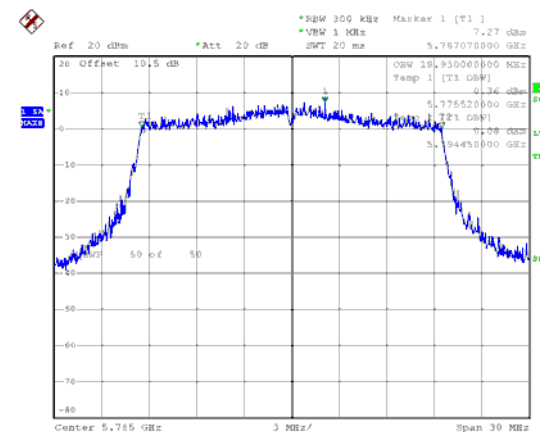
CH149



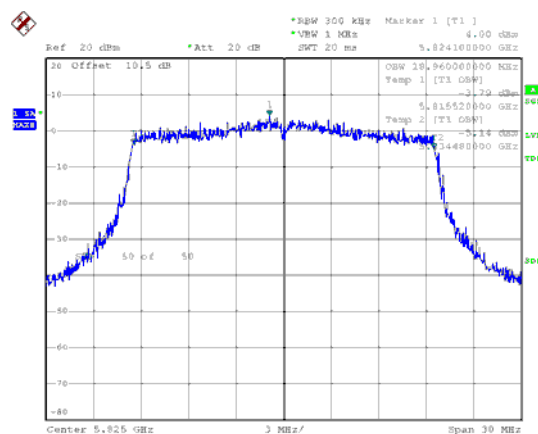
CH157



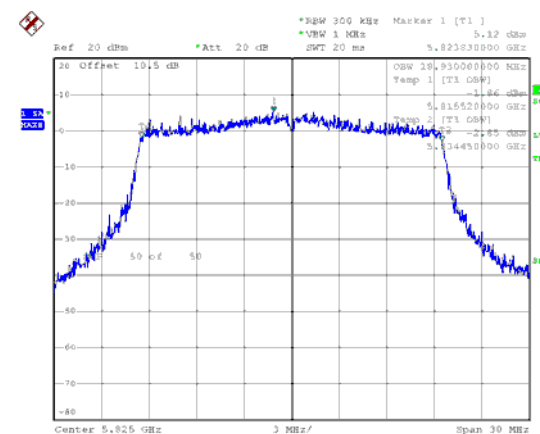
CH157



CH165



CH165





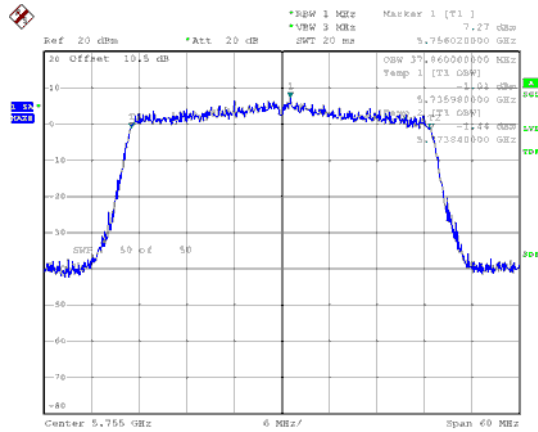
99% Occupied Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

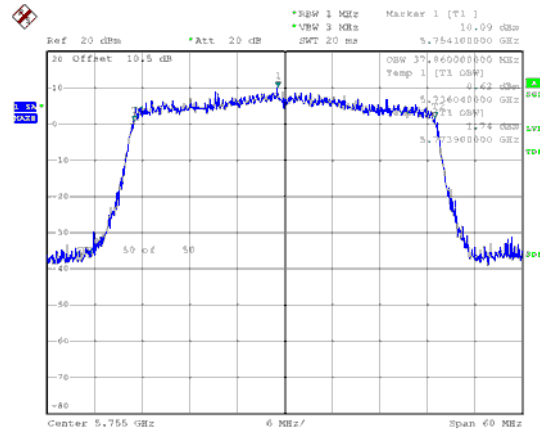
CH151



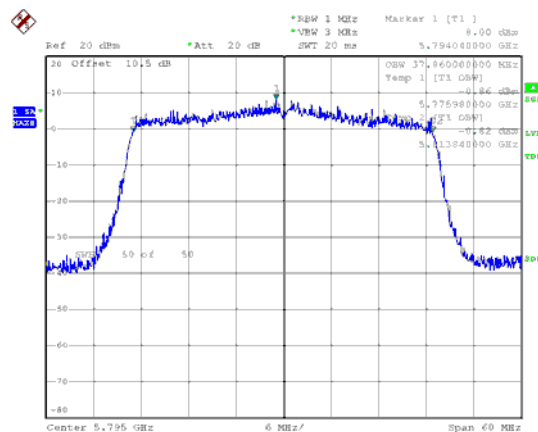
ANT B

Modulation Type: 802.11ax40

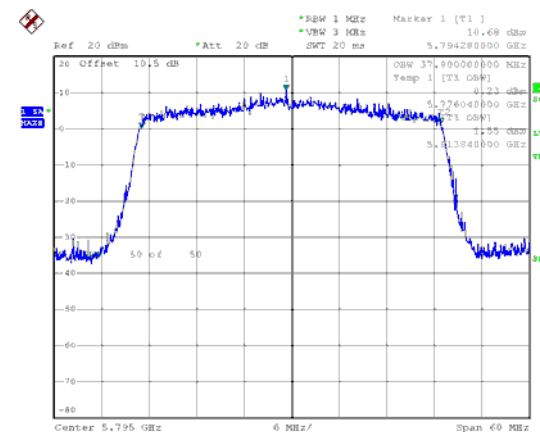
CH151



CH159



CH159





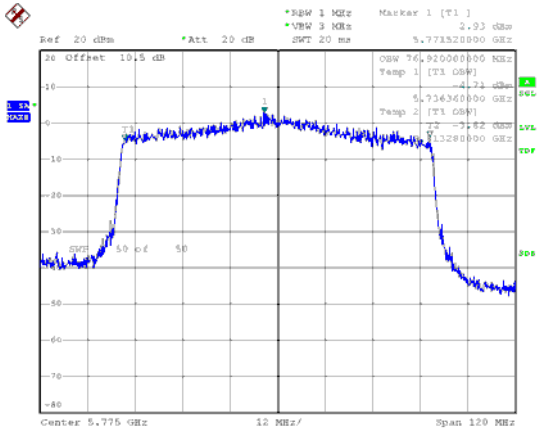
99% Occupied Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

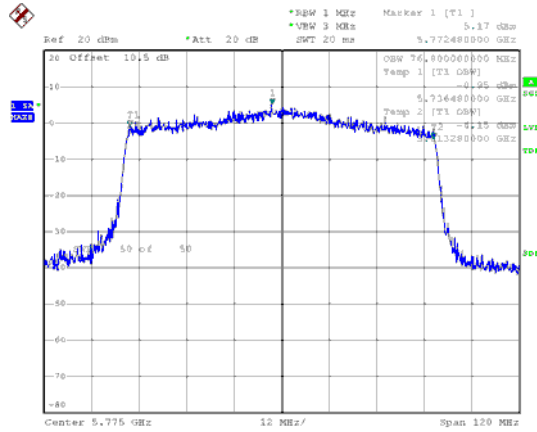
CH155



ANT B

Modulation Type: 802.11ax80

CH155



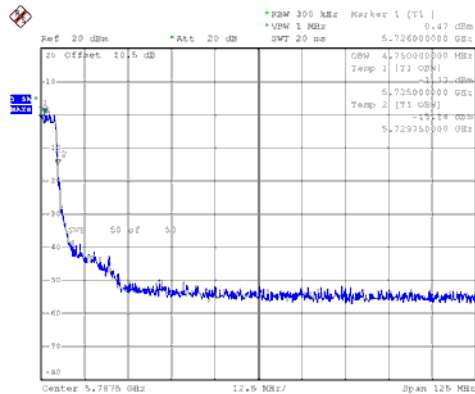
99% Occupied Bandwidth

Extends across 5725MHz Band, Straddle Channel

Modulation Type: 802.11ax20

ANT A

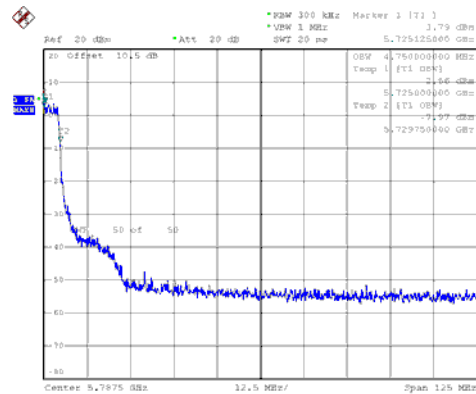
CH144



Modulation Type: 802.11ax20

ANT B

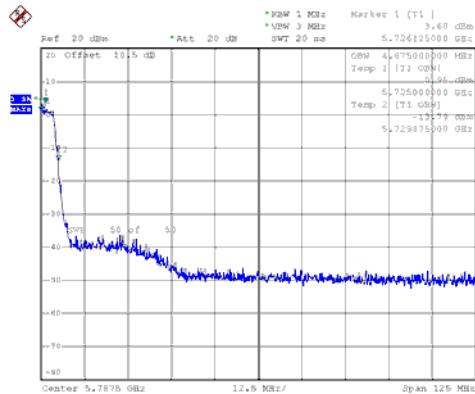
CH144



Modulation Type: 802.11ax40

ANT A

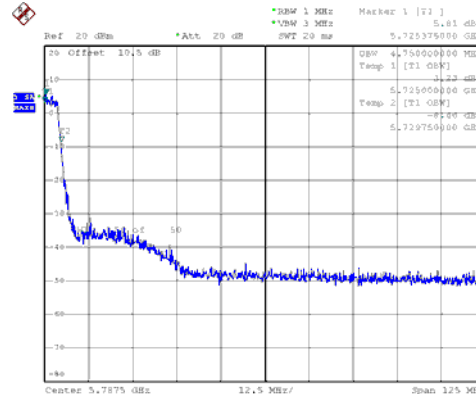
CH142



Modulation Type: 802.11ax40

ANT B

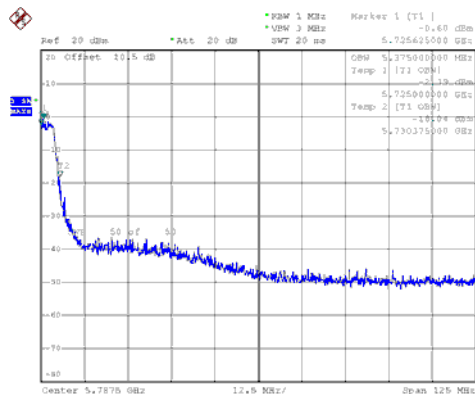
CH142



Modulation Type: 802.11ax80

ANT A

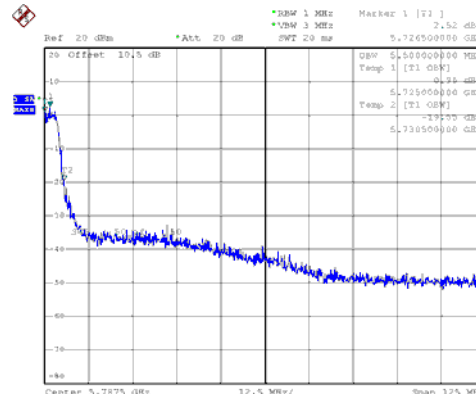
CH138



Modulation Type: 802.11ax80

ANT B

CH138





9. 26dB Bandwidth & 99% Occupied Bandwidth

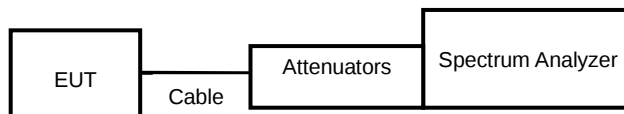
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

9.3. Test Setup Layout





9.4. Test Result and Data

SISO ANT A

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	36	5180	19.55
11a	40	5200	19.45
11a	48	5240	21.2

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	36	5180	16.38
11a	40	5200	16.41
11a	48	5240	16.53

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	52	5260	19.5
11a	60	5300	19.25
11a	64	5320	19.6

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	52	5260	16.38
11a	60	5300	16.41
11a	64	5320	16.41



In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)
			ANT A
11a	100	5500	19.5
11a	120	5600	19.6
11a	140	5700	19.5

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)
			ANT A
11a	100	5500	16.38
11a	120	5600	16.41
11a	140	5700	16.38

UNII Emission Bandwidth Result (Within 5470-5725MHz band)

Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
			ANT A	ANT A
11a	6 Mbps	5720	14.54	13.26

**MIMO****In the 5.2G Band**

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11ax HE20	36	5180	21.05	20.95
11ax HE20	40	5200	21.05	20.95
11ax HE20	48	5240	20.85	21.15
11ax HE40	38	5190	41.6	41.7
11ax HE40	46	5230	41.8	41.8
11ax HE80	42	5210	82.4	82.08

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11ax HE20	36	5180	18.96	18.93
11ax HE20	40	5200	18.93	18.93
11ax HE20	48	5240	18.96	18.93
11ax HE40	38	5190	37.86	37.74
11ax HE40	46	5230	37.80	37.74
11ax HE80	42	5210	76.68	76.80

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11ax HE20	52	5260	20.9	21.05
11ax HE20	60	5300	21.1	21
11ax HE20	64	5320	20.95	20.9
11ax HE40	54	5270	41.9	41.8
11ax HE40	62	5310	41.8	41.8
11ax HE80	58	5290	82.08	82.08

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11ax HE20	52	5260	18.93	18.93
11ax HE20	60	5300	18.96	18.90
11ax HE20	64	5320	18.93	18.93
11ax HE40	54	5270	37.74	37.80
11ax HE40	62	5310	37.86	37.86
11ax HE80	58	5290	76.68	76.80



In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11ax HE20	100	5500	20.9	21.05
11ax HE20	120	5600	21.1	21.05
11ax HE20	140	5700	21	20.75
11ax HE40	102	5510	41.6	41.8
11ax HE40	118	5590	42	41.9
11ax HE40	134	5670	41.8	42
11ax HE80	106	5530	82.08	82.4
11ax HE80	122	5610	82.08	82.24
11ax HE160	114	5570	167.04	166.32

Modulation Type	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
11ax HE20	100	5500	18.93	18.93
11ax HE20	120	5600	18.93	18.96
11ax HE20	140	5700	18.93	18.93
11ax HE40	102	5510	37.80	37.86
11ax HE40	118	5590	37.92	37.80
11ax HE40	134	5670	37.86	37.86
11ax HE80	106	5530	76.80	76.68
11ax HE80	122	5610	76.92	76.68
11ax HE160	114	5570	155.52	155.76

**UNII Emission Bandwidth Result (Within 5470-5725MHz band)**

Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			ANT A	ANT B	ANT A	ANT B
11ax HE20	NSS1-MCS0	5720	15.30	15.30	14.54	14.54
11ax HE40	NSS1-MCS0	5710	35.70	35.70	33.92	33.66
11ax HE80	NSS1-MCS0	5690	75.99	75.99	72.93	73.19

UNII Emission Bandwidth Result (Within 5150-5250MHz band)

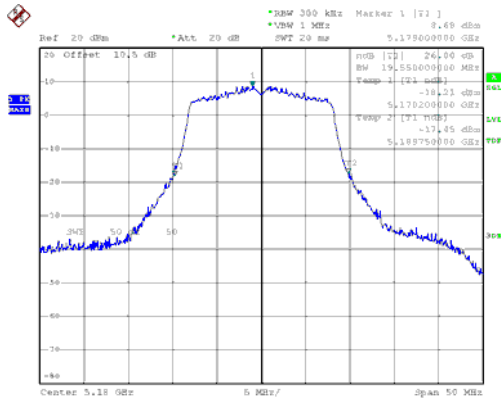
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			ANT A	ANT B	ANT A	ANT B
11ax HE160	NSS1-MCS0	5250	84.00	83.80	78.40	78.50

UNII Emission Bandwidth Result (Extends across 5250MHz band)

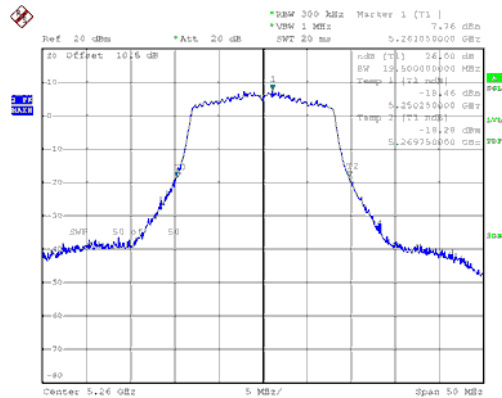
Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			ANT A	ANT B	ANT A	ANT B
11ax HE160	NSS1-MCS0	5250	83.00	83.20	78.50	78.50



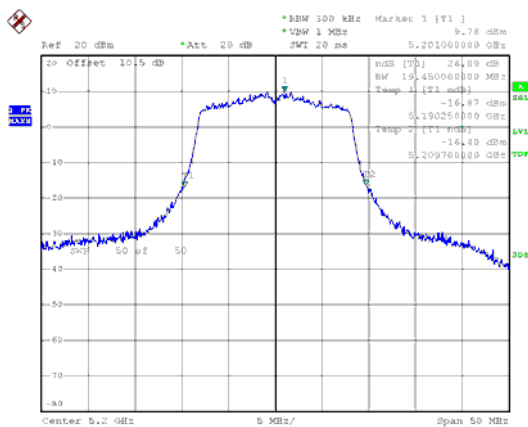
26dB Bandwidth
SISO ANT A
Modulation Type: 802.11a
CH36



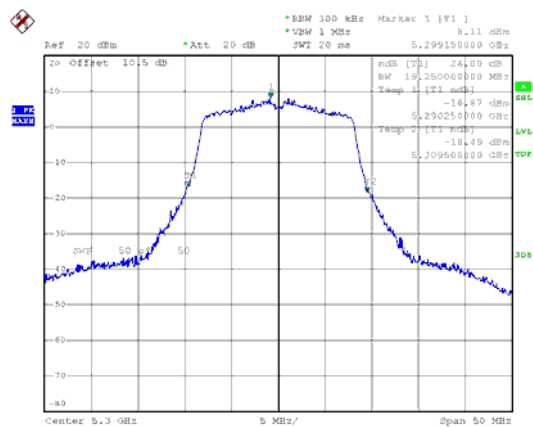
CH52



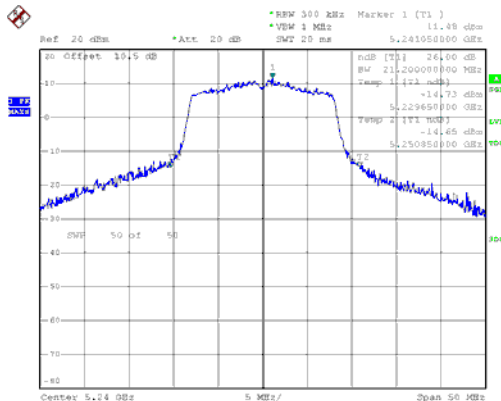
CH40



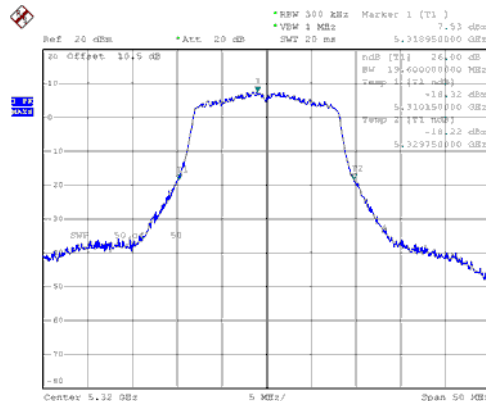
CH60



CH48

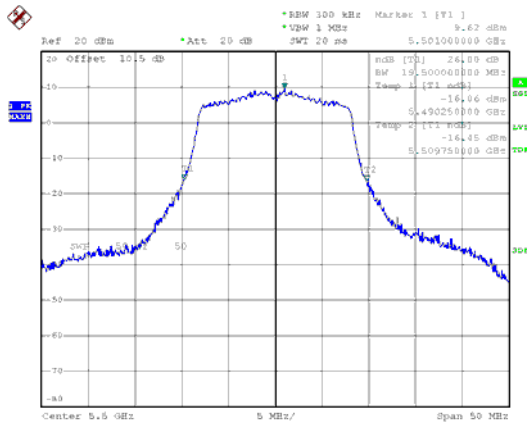


CH64

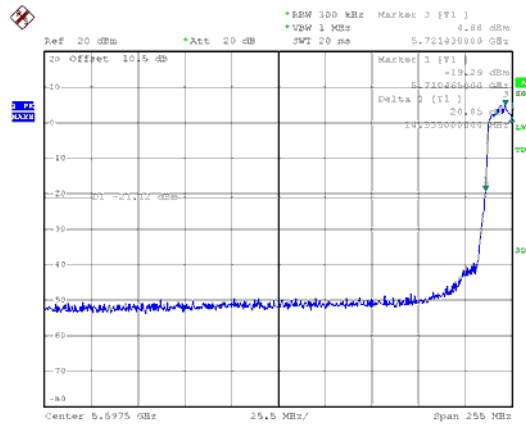




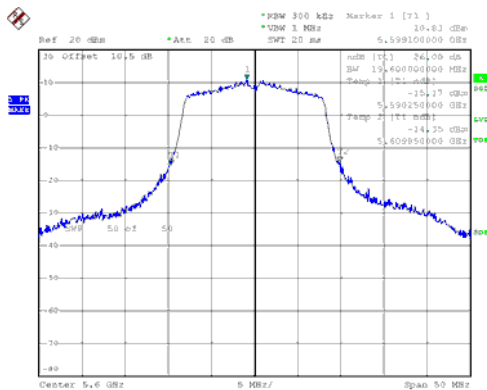
26dB Bandwidth
SISO ANT A
Modulation Type: 802.11a
CH100



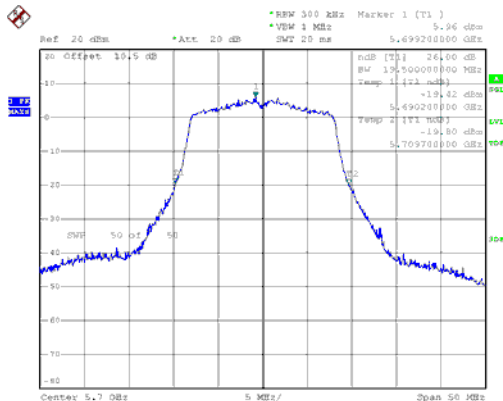
Within 5470-5725MHz band
Modulation Type: 802.11a
CH144



CH120



CH140





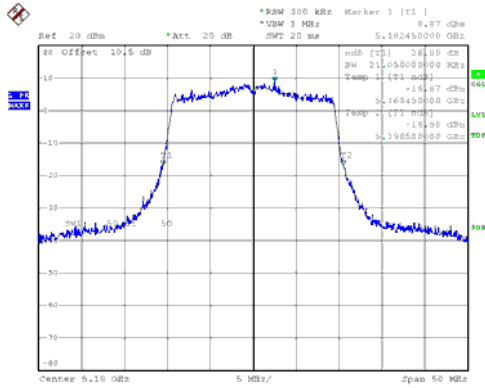
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

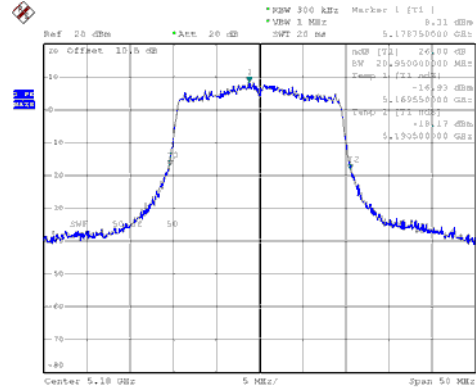
CH36



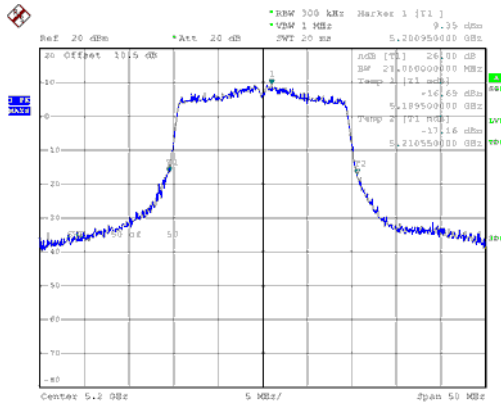
ANT B

Modulation Type: 802.11ax20

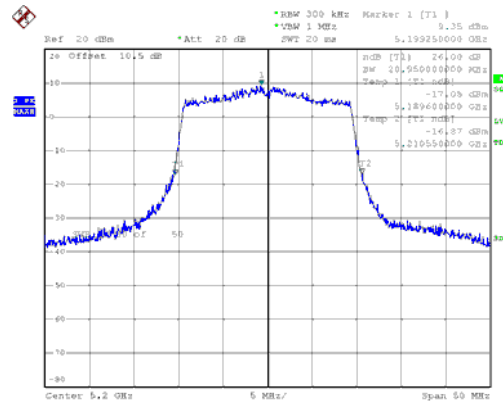
CH36



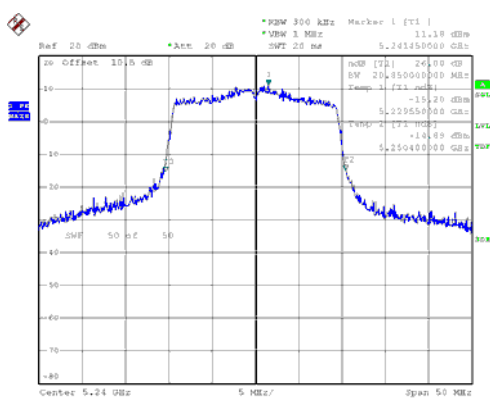
CH40



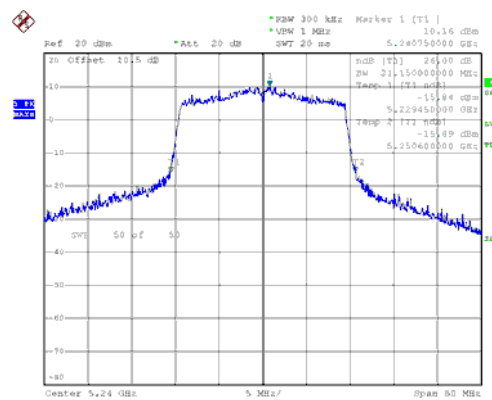
CH40



CH48

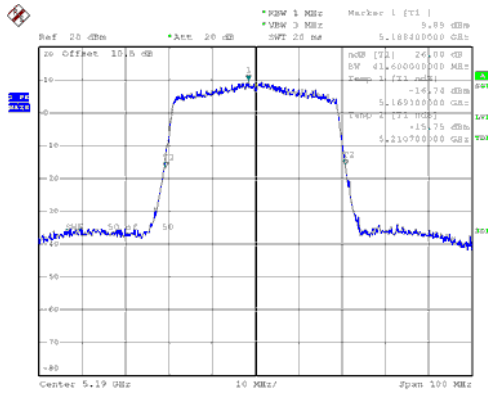


CH48

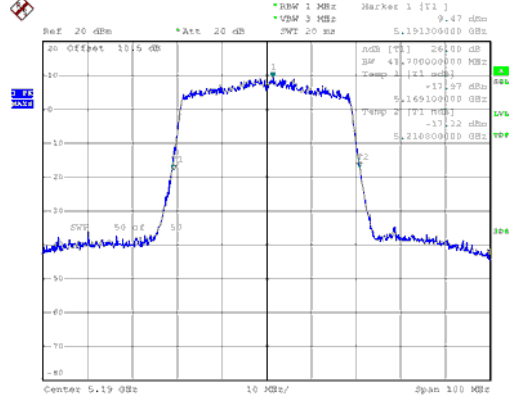




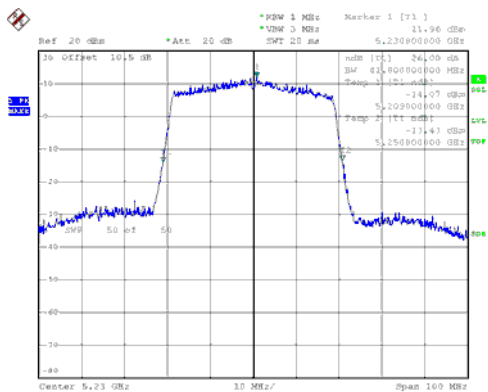
26dB Bandwidth
MIMO
ANT A
Modulation Type: 802.11ax40
CH38



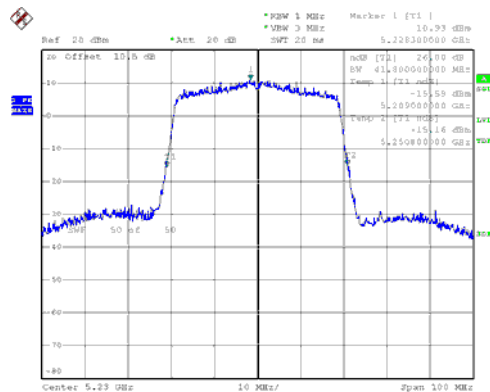
ANT B
Modulation Type: 802.11ax40
CH38



CH46



CH46





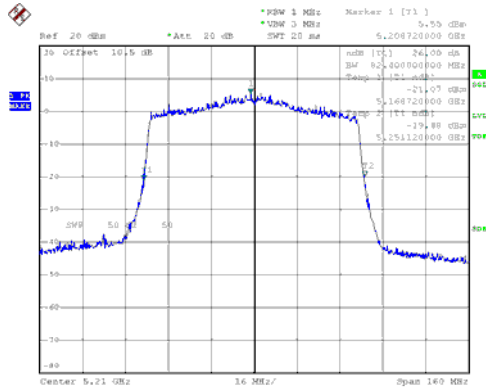
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

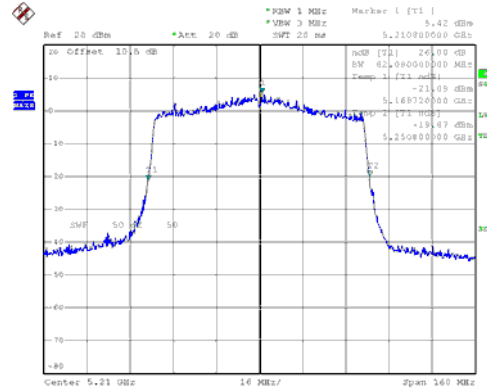
CH42



ANT B

Modulation Type: 802.11ax80

CH42





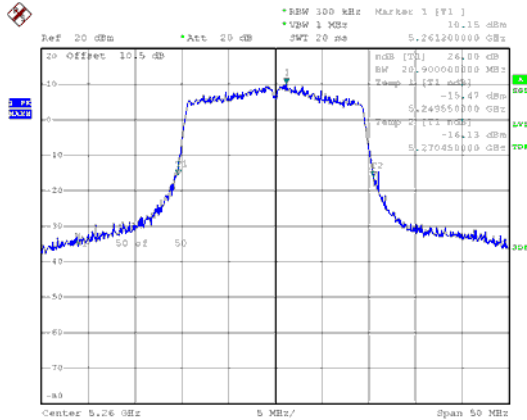
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

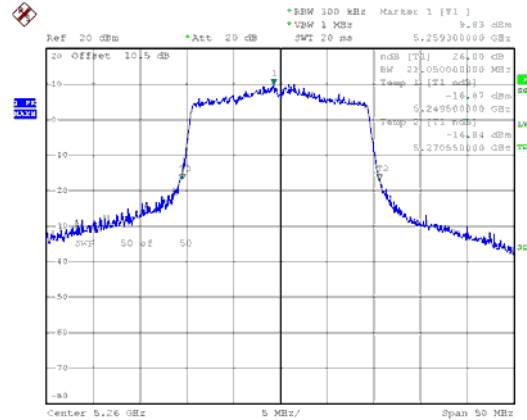
CH52



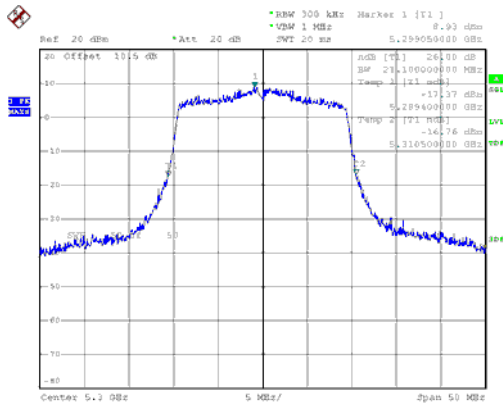
ANT B

Modulation Type: 802.11ax20

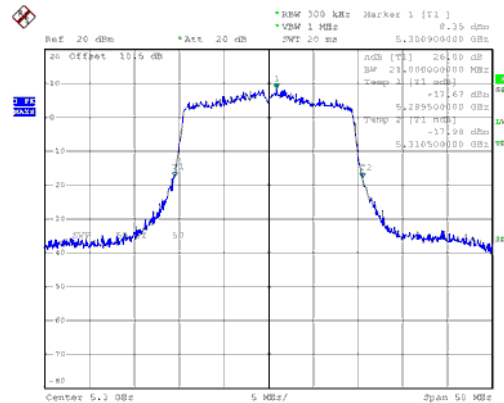
CH52



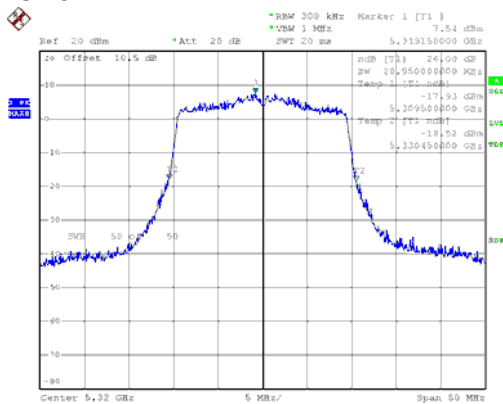
CH60



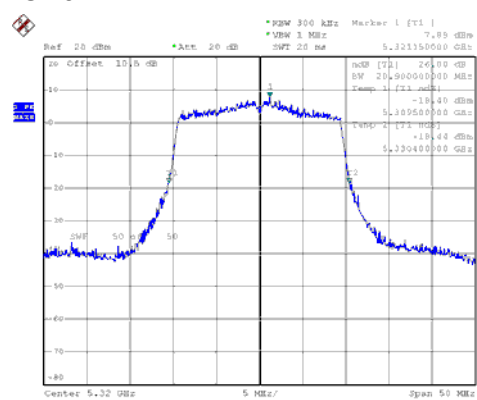
CH60



CH64



CH64





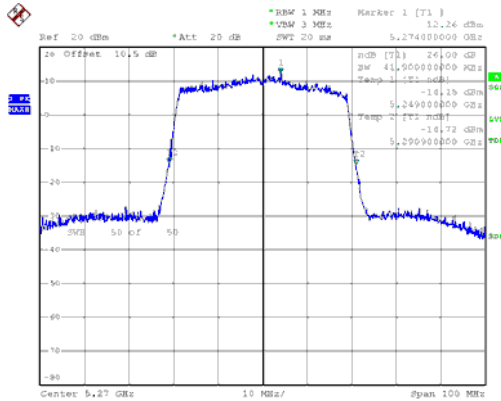
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

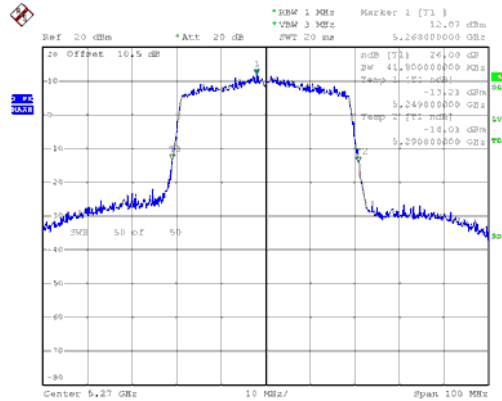
CH54



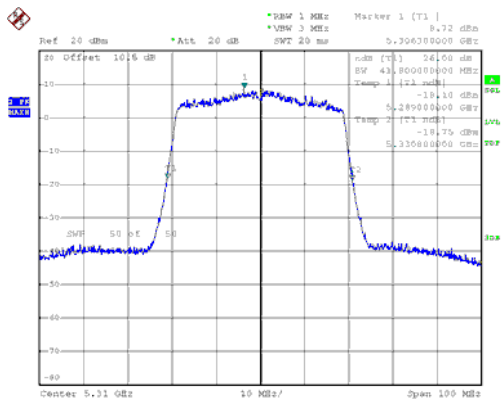
ANT B

Modulation Type: 802.11ax40

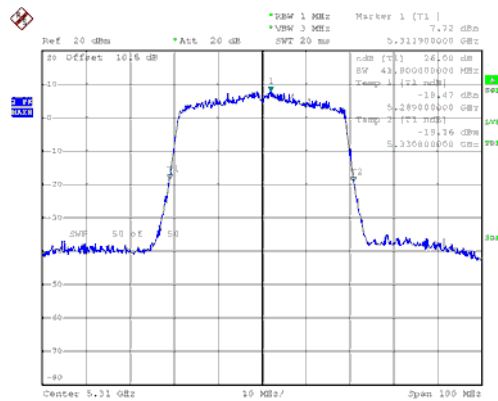
CH54

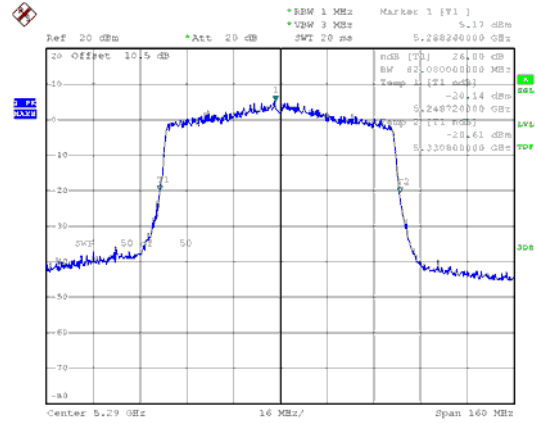


CH62



CH62



[illegible]



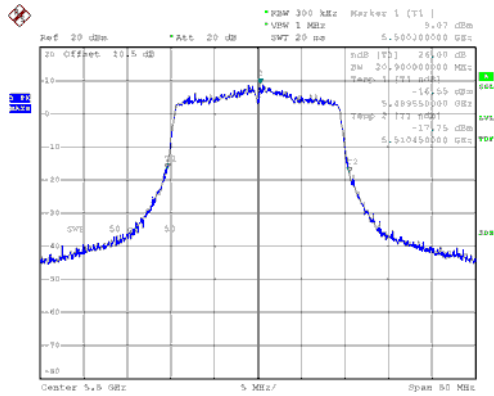
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

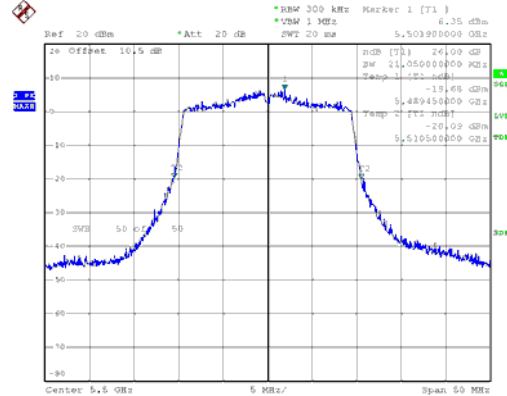
CH100



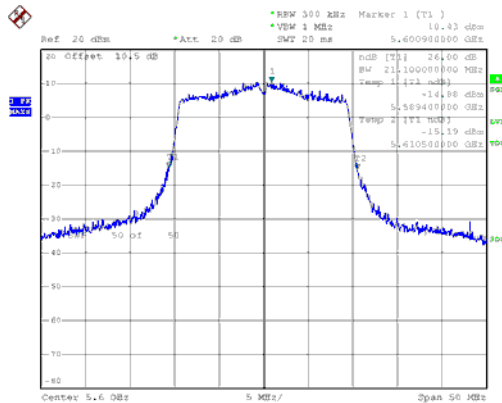
ANT B

Modulation Type: 802.11ax20

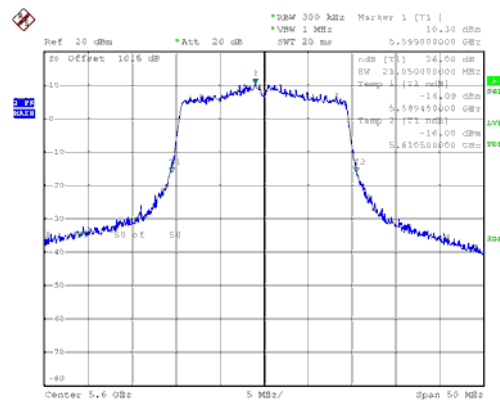
CH100



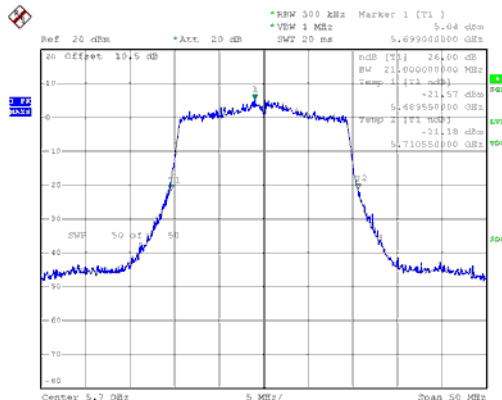
CH120



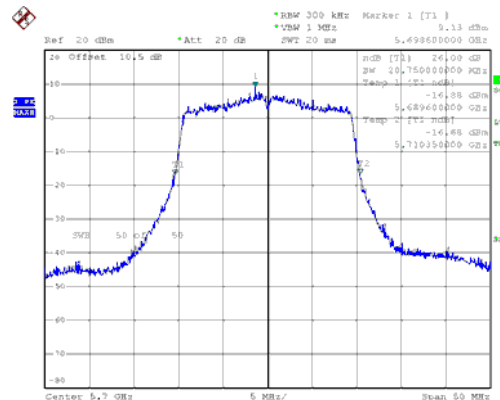
CH120



CH140



CH140







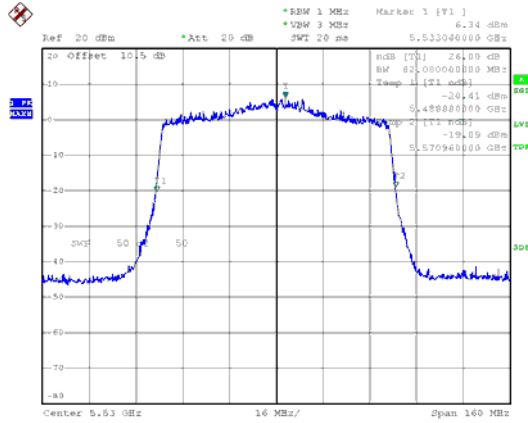
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

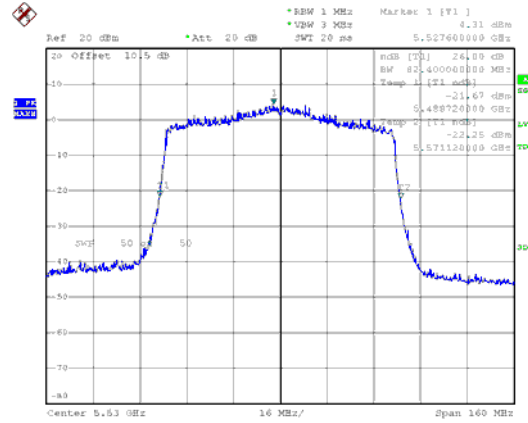
CH106



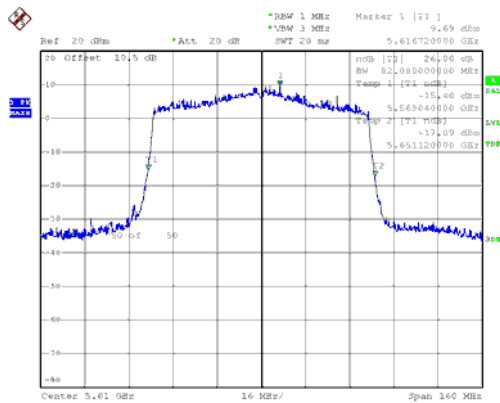
ANT B

Modulation Type: 802.11ax80

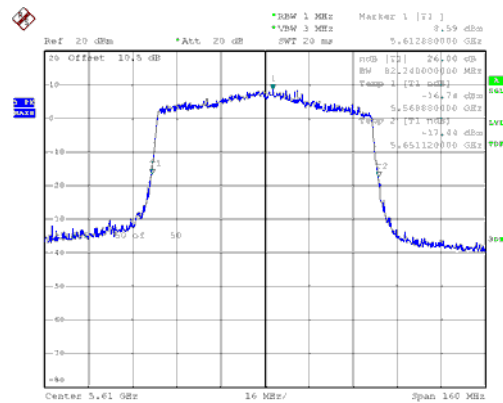
CH106



CH122



CH122





26dB Bandwidth

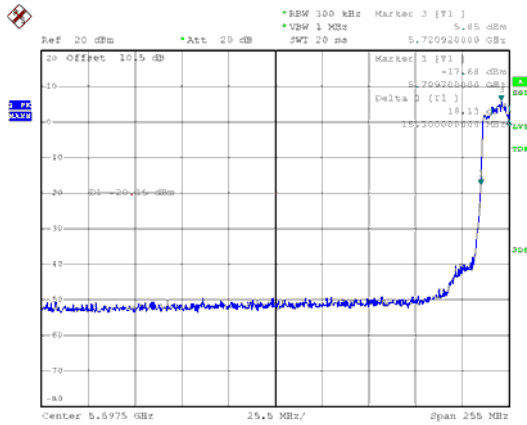
Within 5470-5725MHz Band, Straddle Channel

MIMO

ANT A

Modulation Type: 802. 11ax20

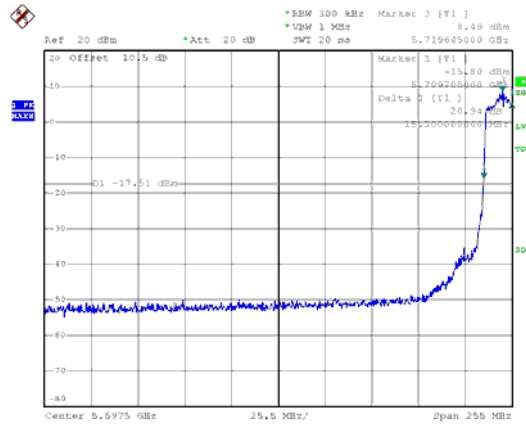
CH144



ANT B

Modulation Type: 802. 11ax20

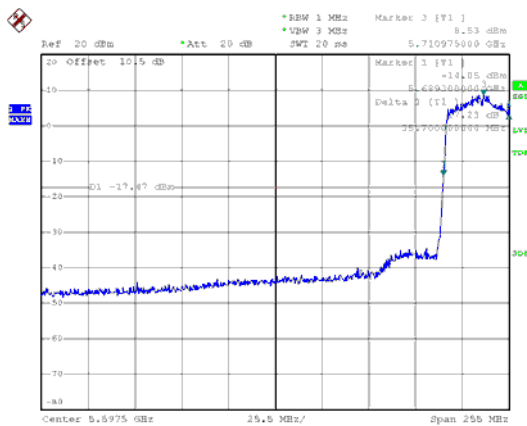
CH144



ANT A

Modulation Type: 802. 11ax40

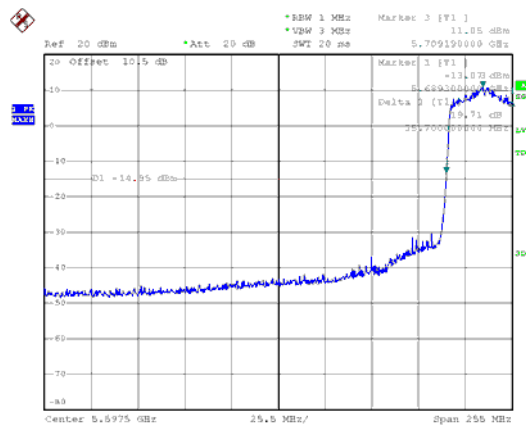
CH142



ANT B

Modulation Type: 802.11ax40

CH142





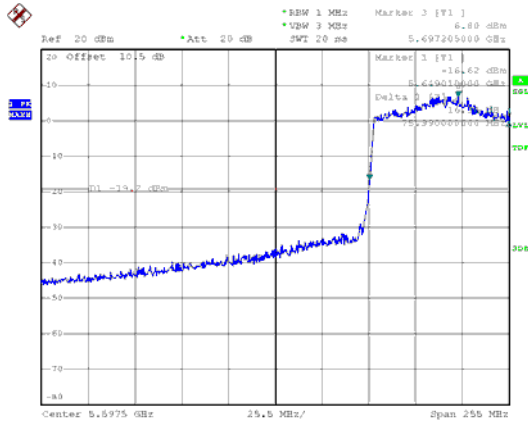
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

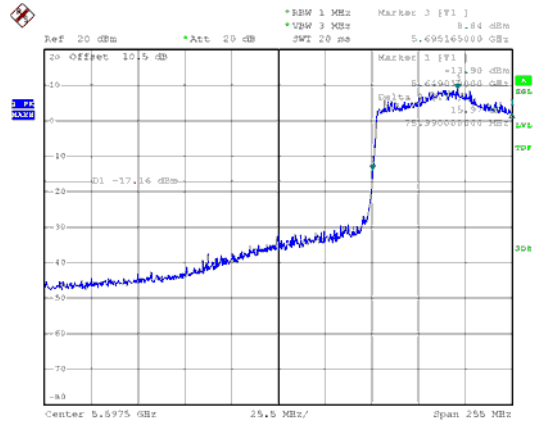
CH138



ANT B

Modulation Type: 802.11ax80

CH138





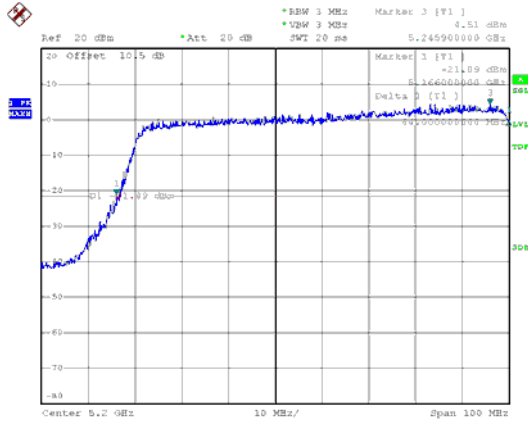
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax160

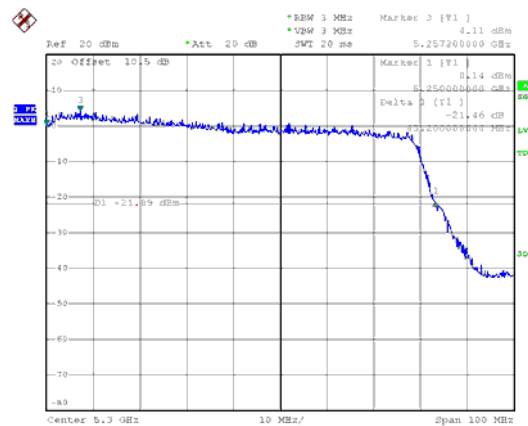
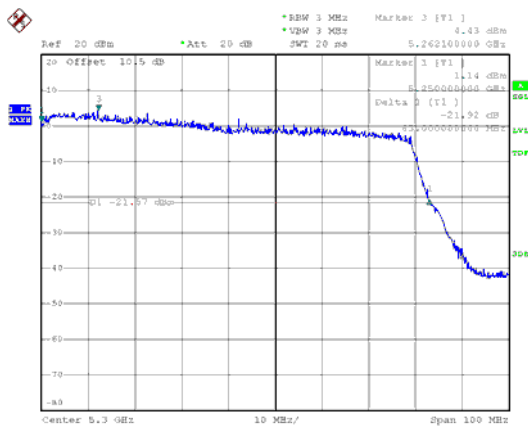
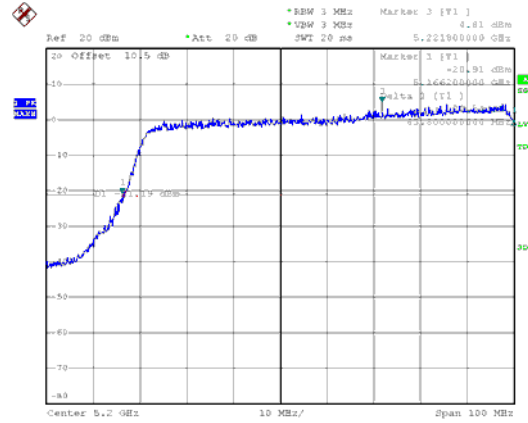
CH50



ANT B

Modulation Type: 802.11ax160

CH50





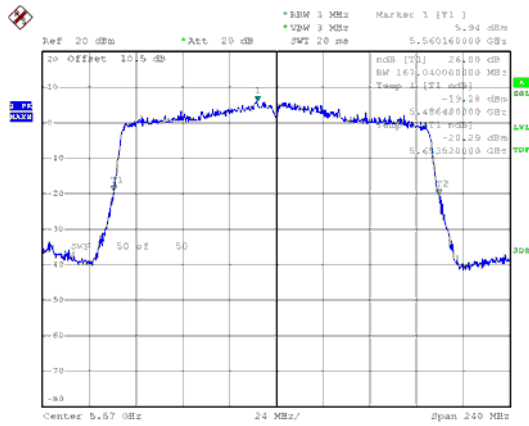
26dB Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax160

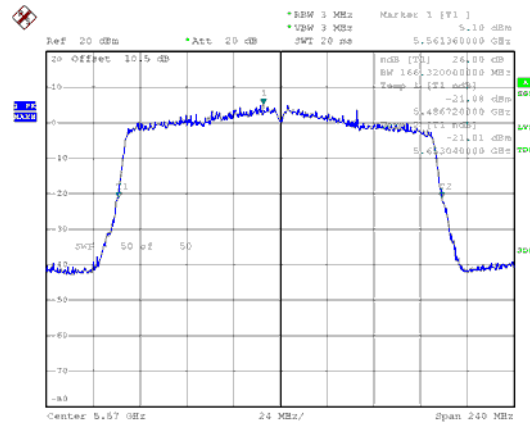
CH114



ANT B

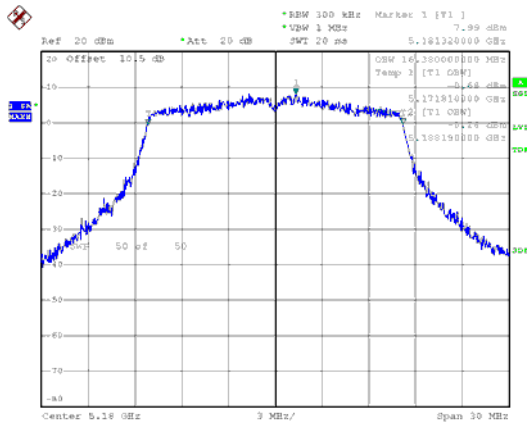
Modulation Type: 802.11ax160

CH114

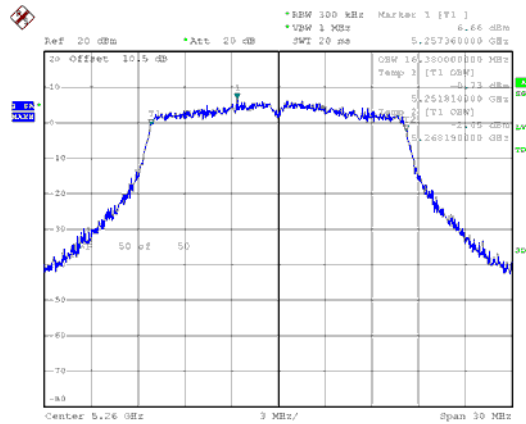




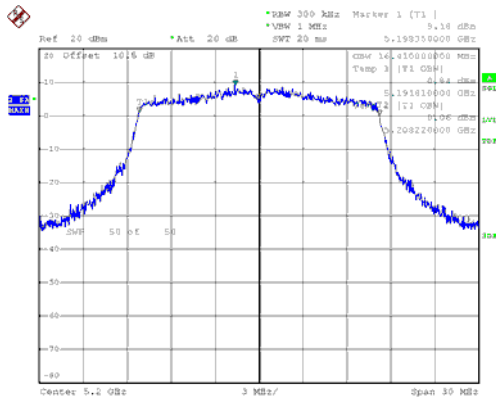
99% Bandwidth
SISO ANT A
Modulation Type: 802.11a
CH36



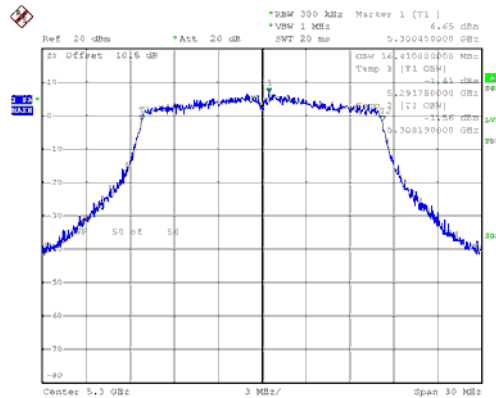
CH52



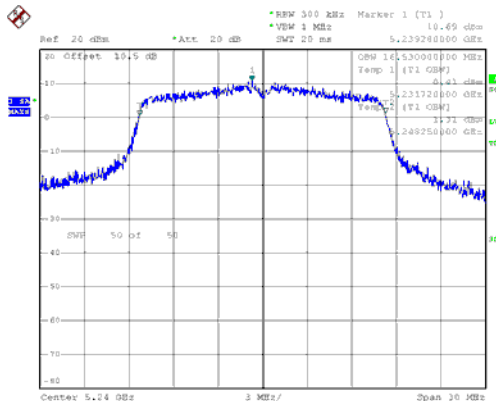
CH40



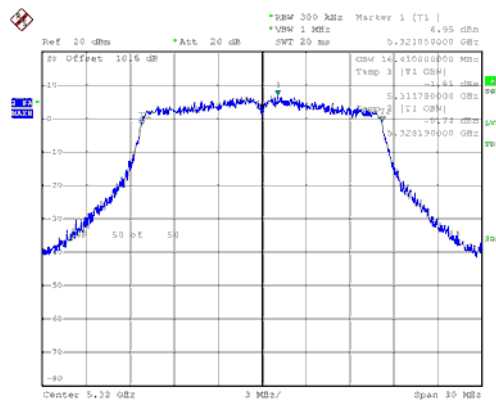
CH60



CH48

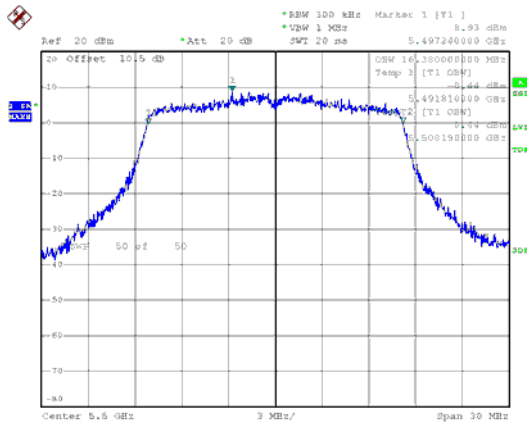


CH64

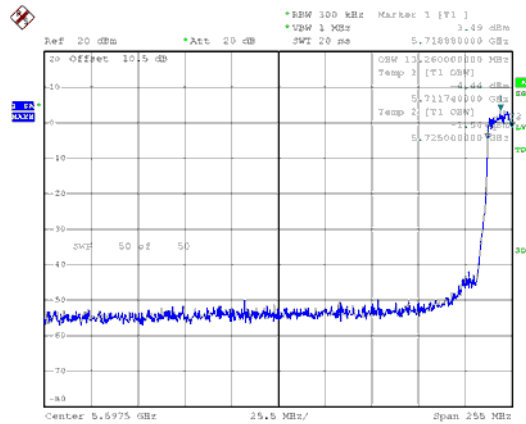




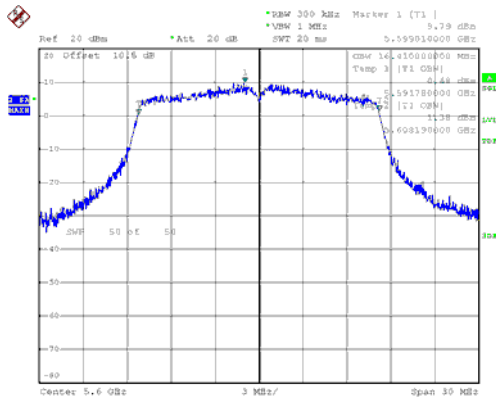
99% Bandwidth
SISO ANT A
Modulation Type: 802.11a
CH100



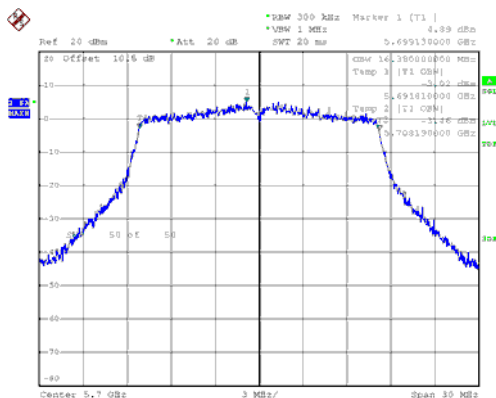
Within 5470-5725MHz band
Modulation Type: 802.11a
CH144



CH120



CH140





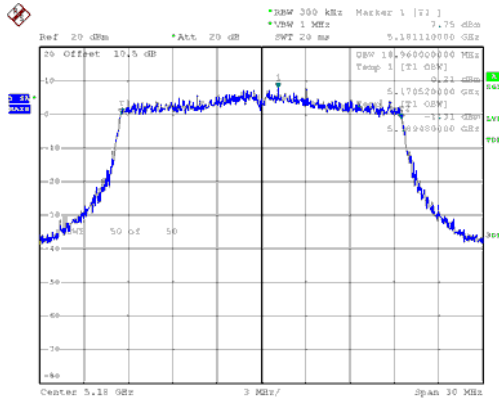
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

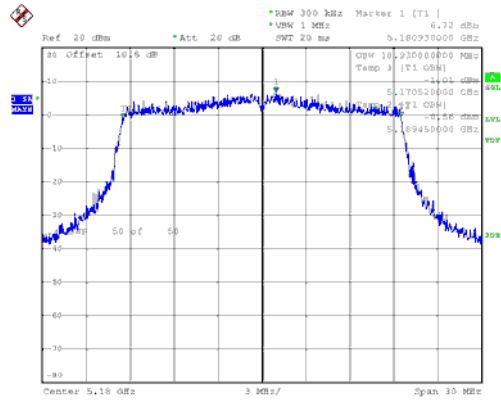
CH36



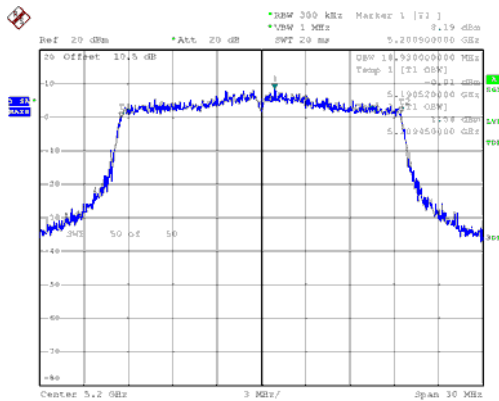
ANT B

Modulation Type: 802.11ax20

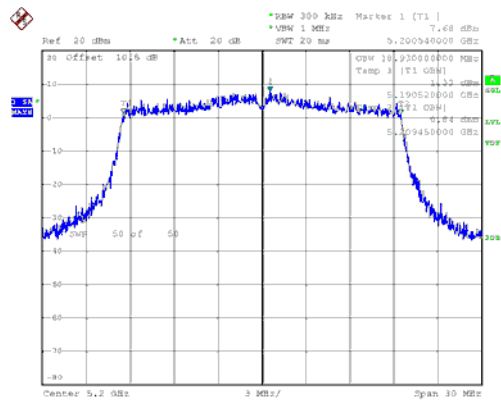
CH36



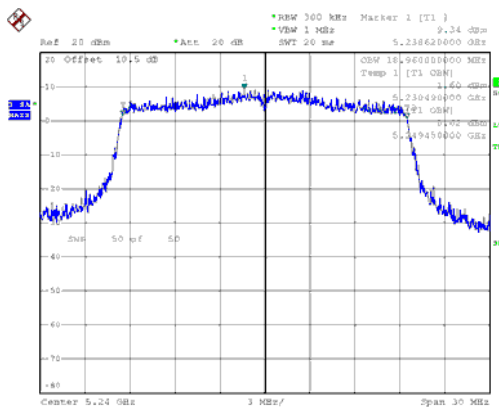
CH40



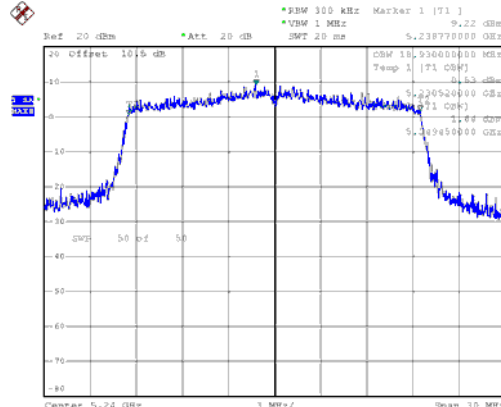
CH40



CH48

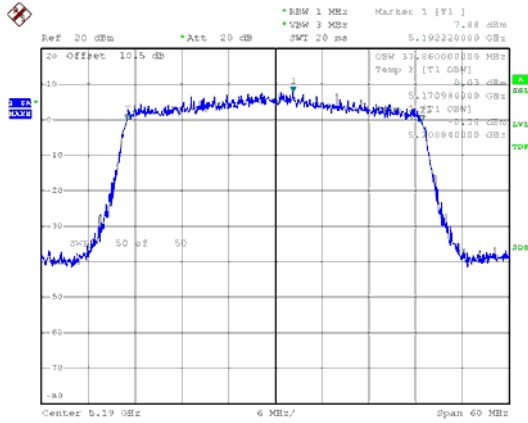


CH48

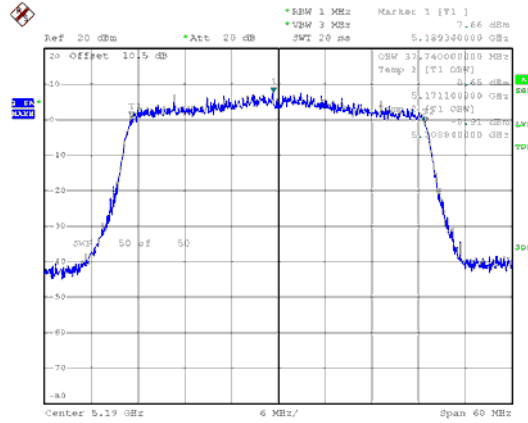




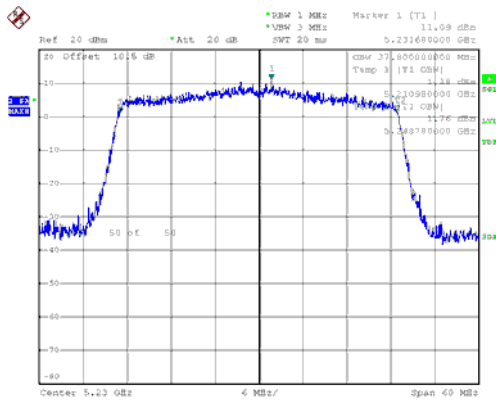
99% Bandwidth
MIMO
ANT A
Modulation Type: 802.11ax40
CH38



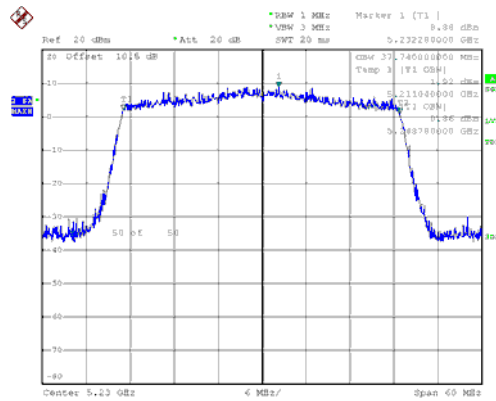
ANT B
Modulation Type: 802.11ax40
CH38



CH46



CH46





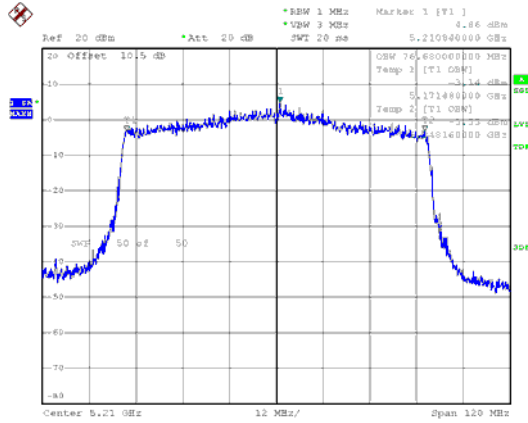
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

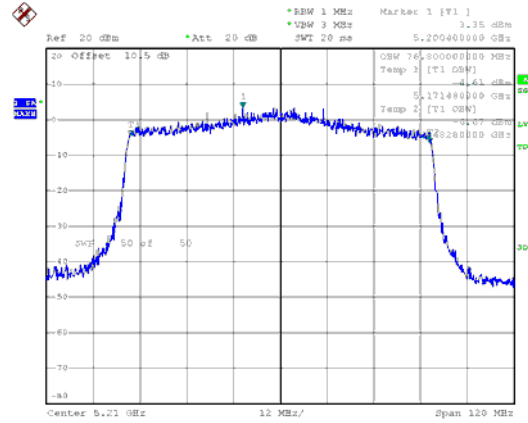
CH42



ANT B

Modulation Type: 802.11ax80

CH42





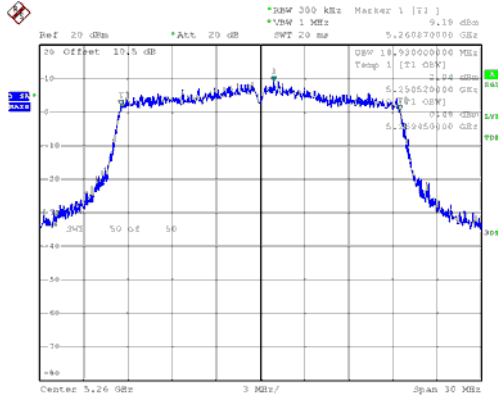
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

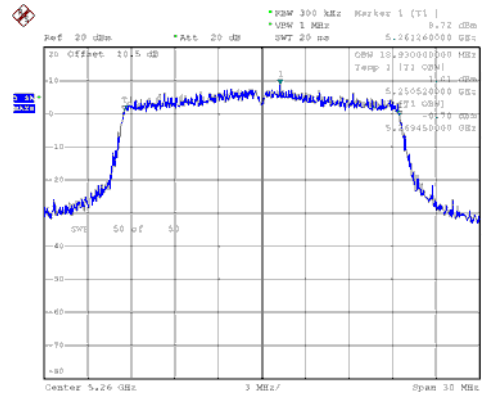
CH52



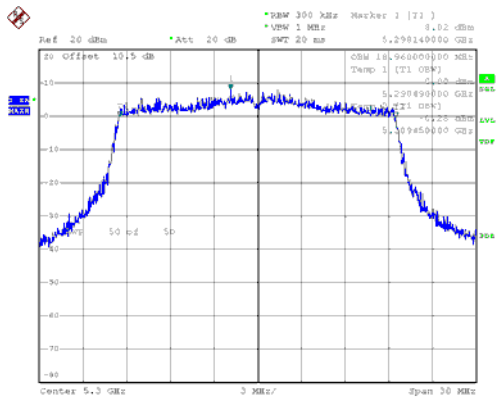
ANT B

Modulation Type: 802.11ax20

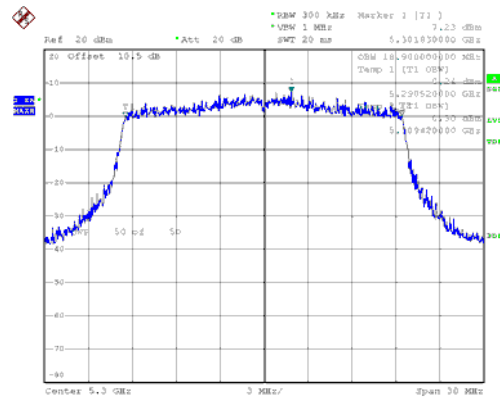
CH52



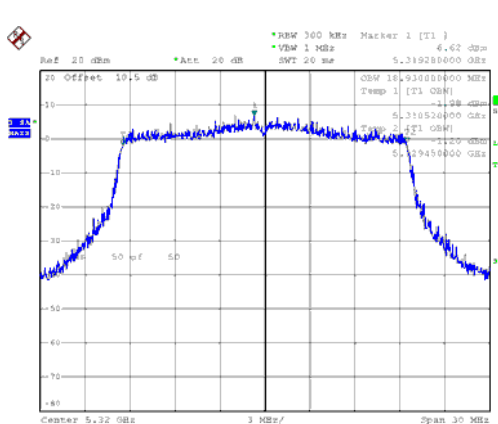
CH60



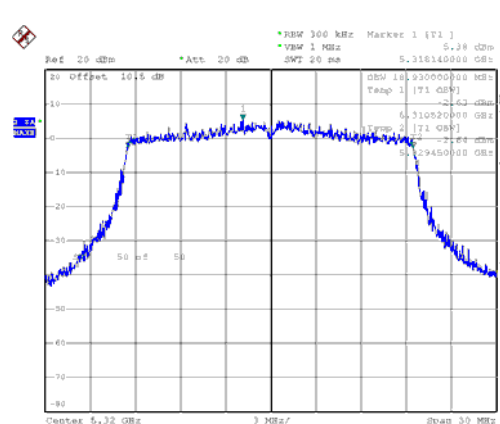
CH60



CH64



CH64





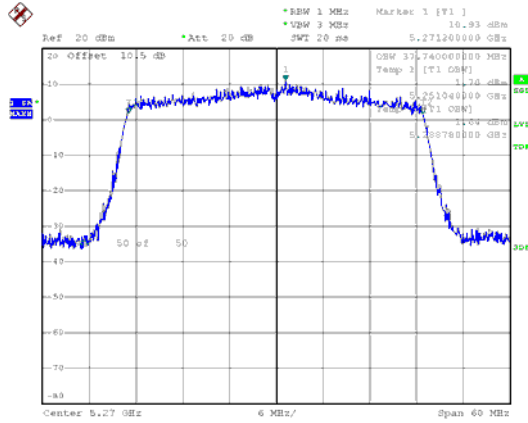
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

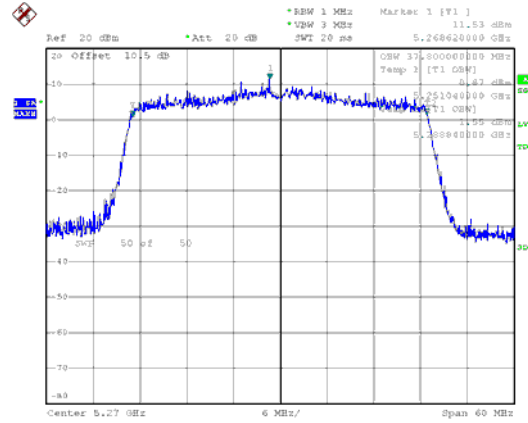
CH54



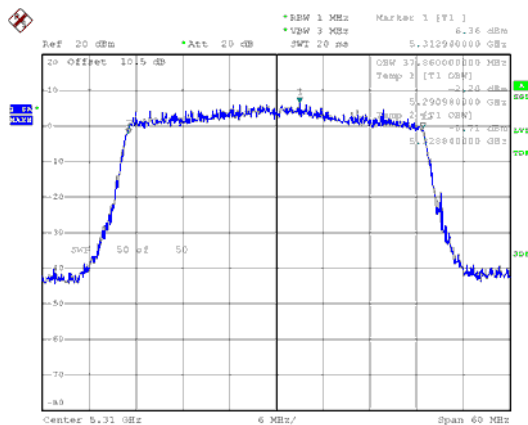
ANT B

Modulation Type: 802.11ax40

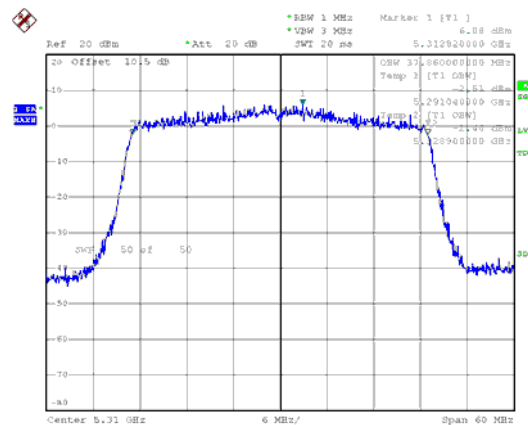
CH54



CH62



CH62





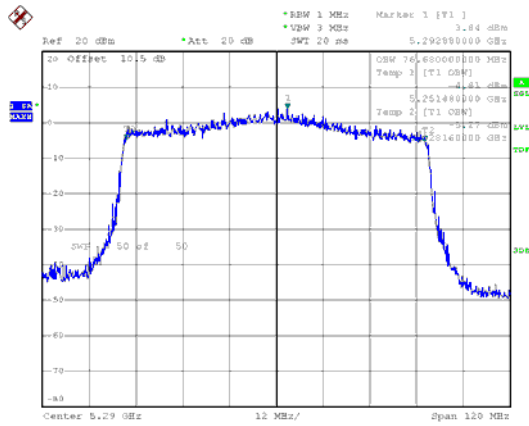
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

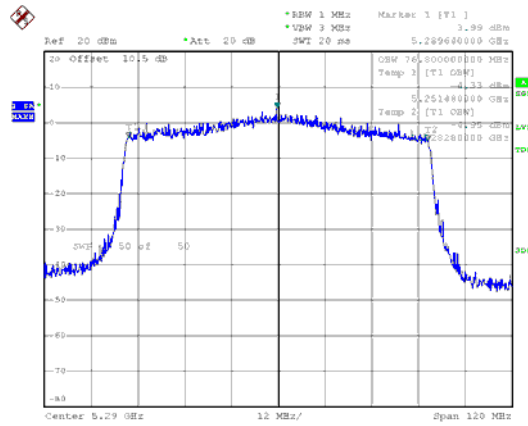
CH58



ANT B

Modulation Type: 802.11ax80

CH58





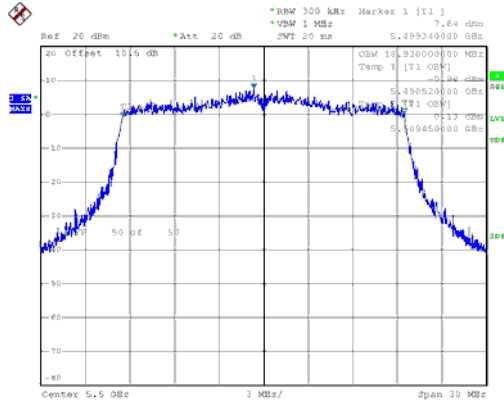
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax20

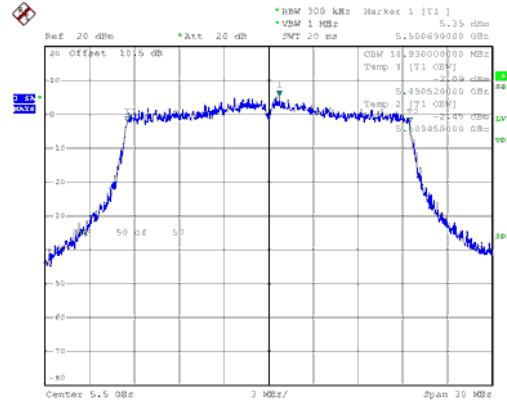
CH100



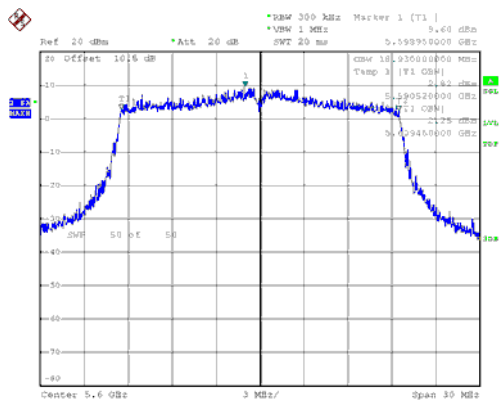
ANT B

Modulation Type: 802.11ax20

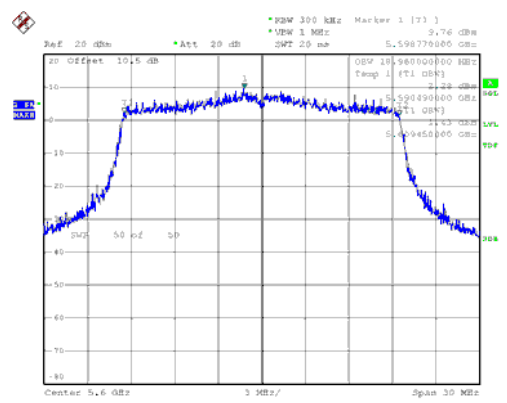
CH100



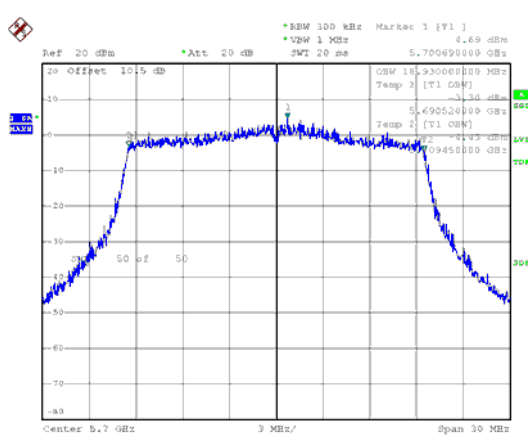
CH120



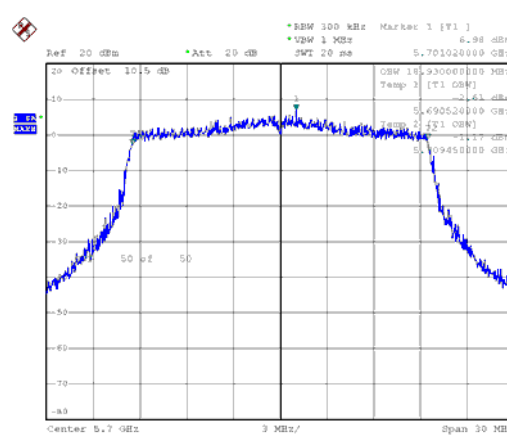
CH120



CH140



CH140





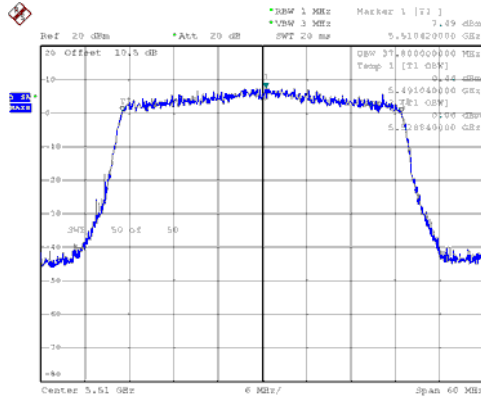
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax40

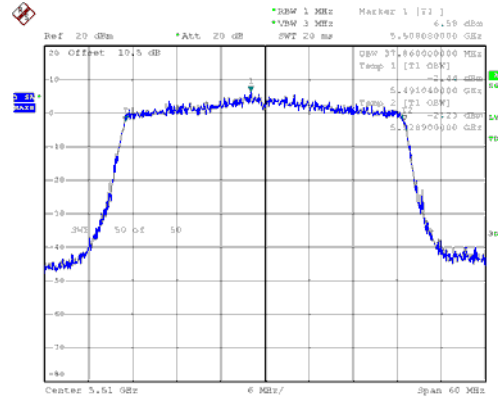
CH102



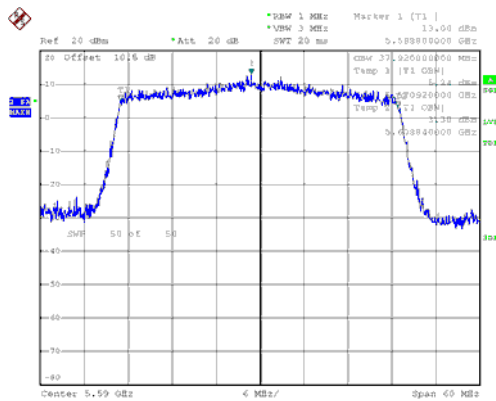
ANT B

Modulation Type: 802.11ax40

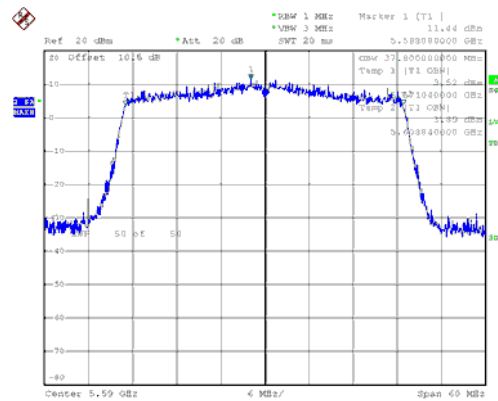
CH102



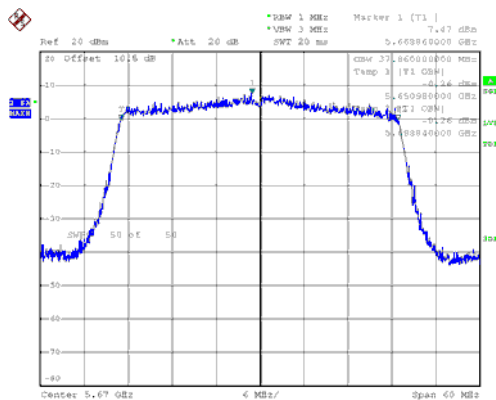
CH118



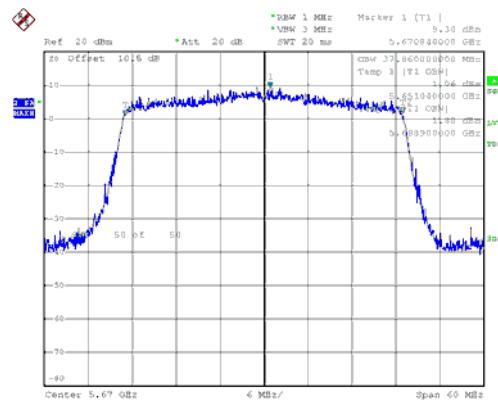
CH118



CH134



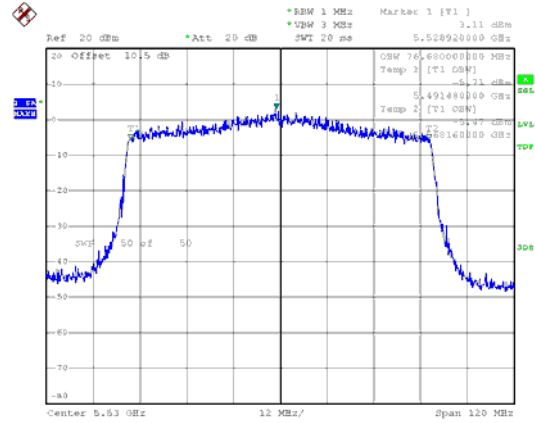
CH134





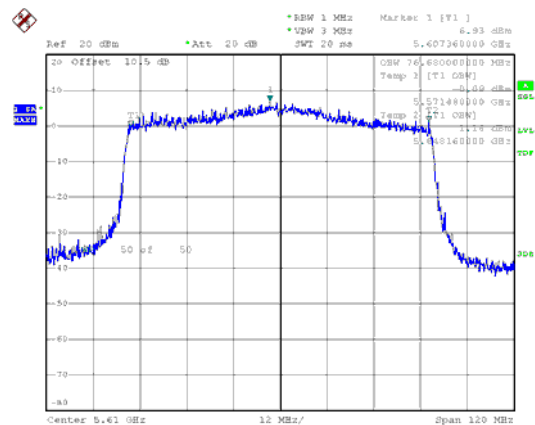
99% Bandwidth
MIMO
ANT A
Modulation Type: 802.11ax80
CH106

ANT B
Modulation Type: 802.11ax80
CH106



CH122

CH122





99% Bandwidth

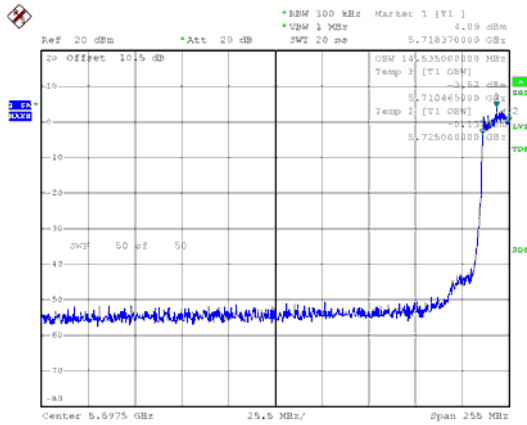
Within 5470-5725MHz Band, Straddle Channel

MIMO

ANT A

Modulation Type: 802. 11ax20

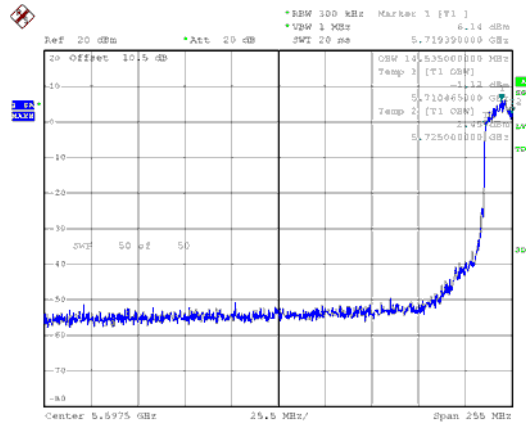
CH144



ANT B

Modulation Type: 802. 11ax20

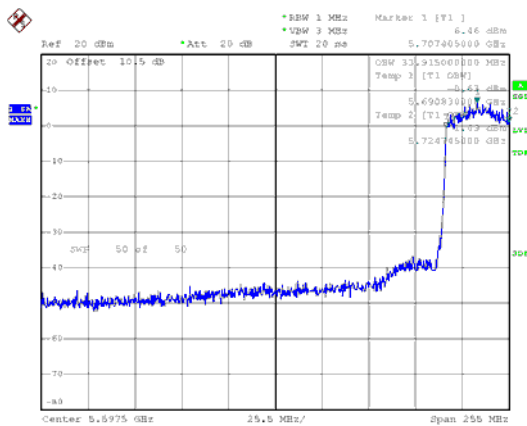
CH144



ANT A

Modulation Type: 802. 11ax40

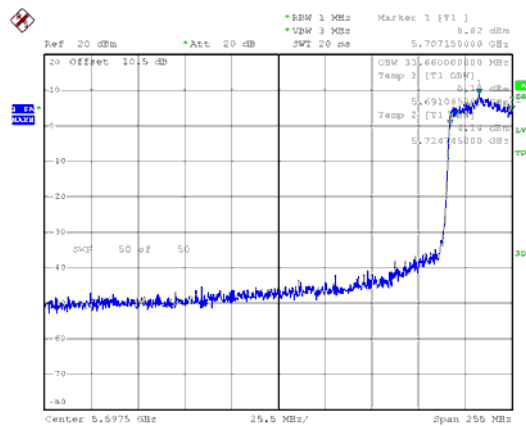
CH142



ANT B

Modulation Type: 802.11ax40

CH142





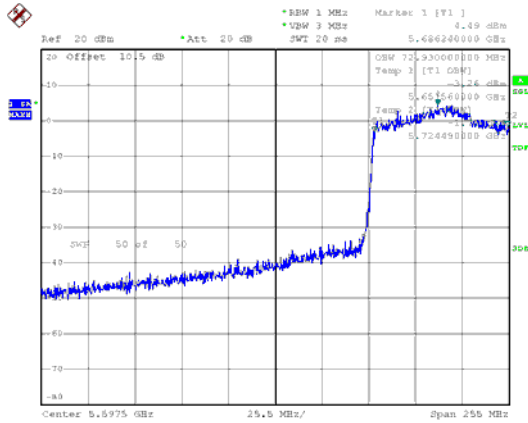
99% Bandwidth

MIMO

ANT A

Modulation Type: 802.11ax80

CH138



ANT B

Modulation Type: 802.11ax80

CH138

